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CABLE



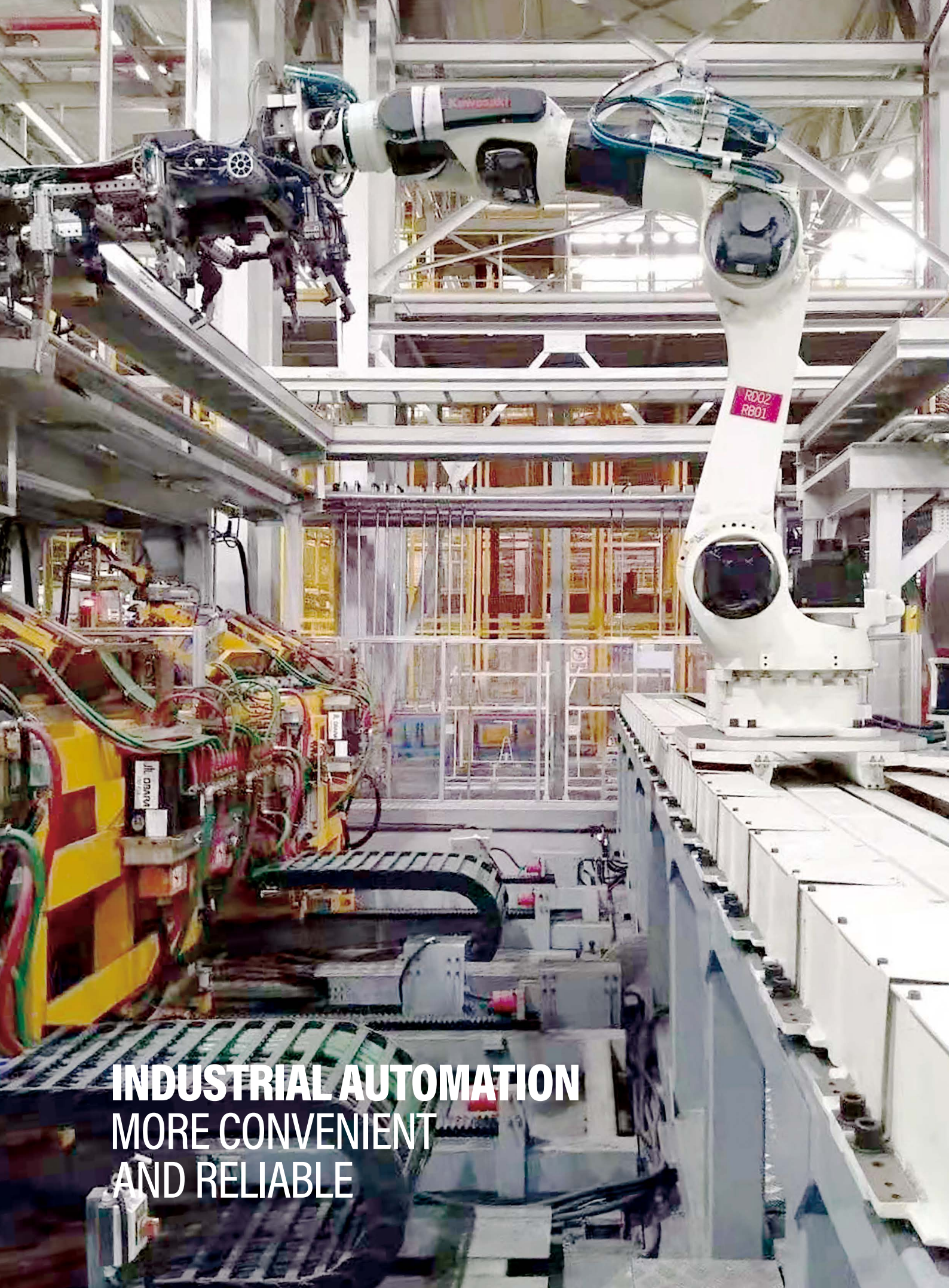
INDUSTRIAL AUTOMATION MORE CONVENIENT AND RELIABLE



NINGBO FEYNMAN CABLE CO., LTD

INDUSTRIAL CABLE PRODUCT CATALOG Version 1.0



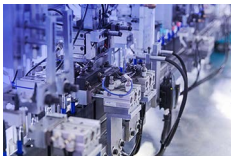


INDUSTRIAL AUTOMATION
MORE CONVENIENT
AND RELIABLE

CATALOGUE



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FEYNMAN[®]
CABLE

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CABLE

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Company Profile

Ningbo Feynman Cable Co., Ltd. is committed to "internet of everything more convenient and reliable" as own mission, devoted to providing professional data cable of generic cabling system、 industrial cable and component products' R&D、 production、 sales and services.

Founded in 2003, Feynman is a high-tech enterprise specializing in R&D and manufacturing data cables, industrial cables and connection components. The R&D center and production base are set up in Ningbo, and the R&D engineers all have more than 10 years' experience. The R&D center has complete specialized testing capabilities including high-frequency transmission performance, mechanical and physical properties, environmental resistance testing, fatigue resistance testing, material analysis, combustion testing, performance, signal integrity simulation, etc., Which providing professional support and guarantee for product researching and test.

Feynman has complete production equipment and advanced technology, has obtained ISO9001 quality system certification, ISO14001 environmental management system certification and ISO18001 occupational health management system certification. The products have passed USA UL、 USA ETL、 EU CE、 CPR and other certifications, and meet the requirements of RoHS and REACH directives of the European Union.

In the past 20 years since its establishment, the company has closely followed the transformation of Ethernet technology in core technology and product development. Our products are exported to over 100 countries and regions worldwide, and have extensive applications in various fields such as data centers, industrial automation equipment, robots, data transmission, and special applications of control cables.



Hangzhou Bay New District



Brilliant legacy

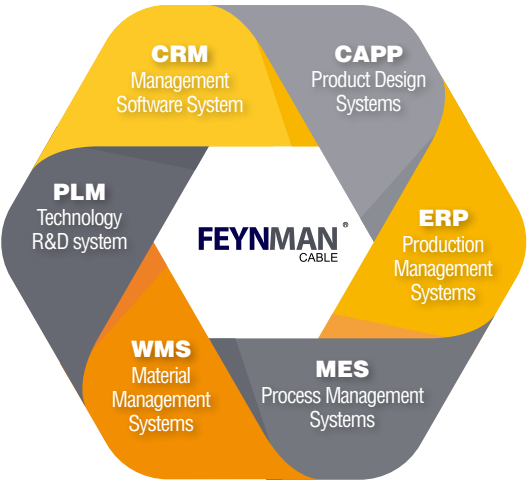


Plant area



R&D team

Feynman Cloud Services



Company honor

UL Qualification-50+、CPR Qualification-50+、TUV Qualification-20+、VDE Qualification-5+、CCC Qualification-20+



UL Test Report



UL Test Report



CNAS Test Report



ETL Test Report



ETL Test Report



SGS Test Report



CQC Test Report



TUV Test Report



EC Test Report



EC Test Report

Test equipment



production capacity



production process



Tandem Lines



Pair Twist Machine

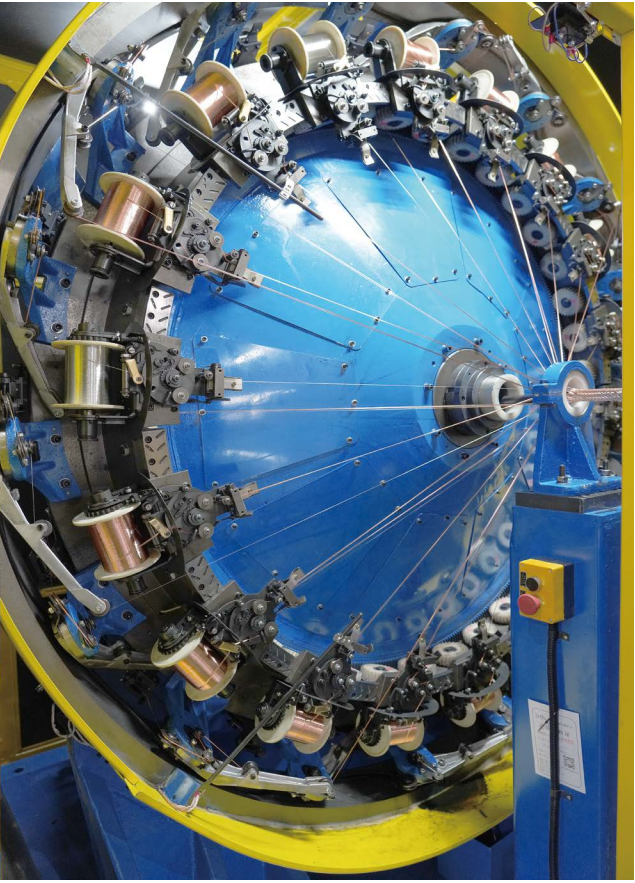


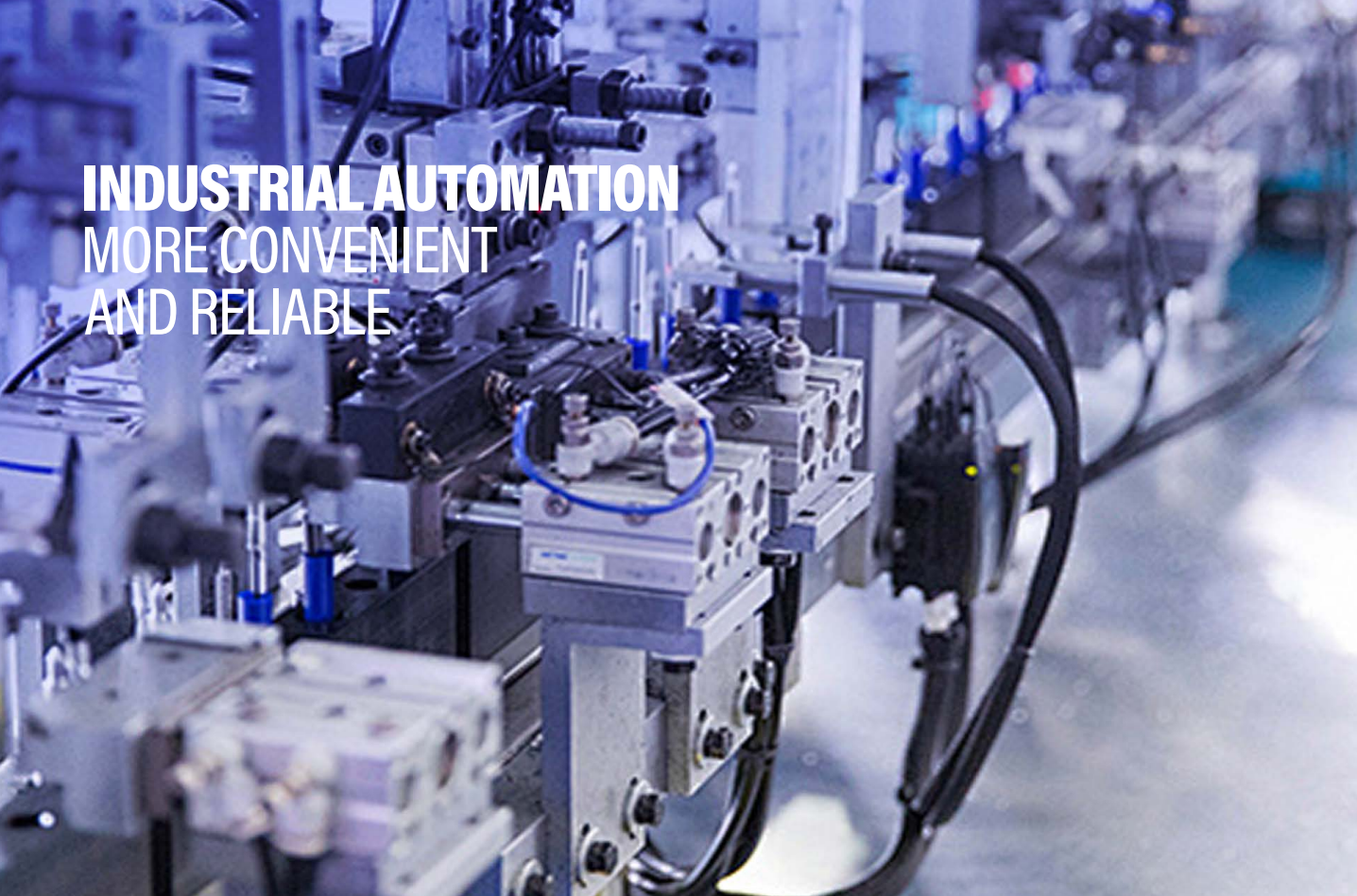
Cabling Lines



Sheathing Extrusion

Workshop





INDUSTRIAL AUTOMATION
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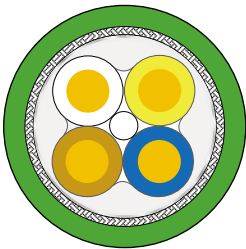
1 INDUSTRIAL BUS CABLES

- Ethernet Profinet Type A/B/C/R
- Ethernet Open Cable
- Ethernet SPE Cable
- Can-Bus Cable
- Cc-Link Cable
- Devicenet Cable
- Fieldbus Cable
- Interbus Cable
- Lonbus Cable
- Profibus Pa /Dp Cable
- Rs485 Cable
- Safetybus Cable

Fmindustry Ethernet Profinet Type A

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Profinet Type A

cross section



Application Range

- Specially designed for PROFINET protocol, it is used in a wide range of industrial Ethernet occasions, such as machines, equipment,
- The wiring of instruments and control cabinets shall conform to CAT5e.
- Particularly suitable for stationary applications.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: solid bare copper
- Insulation: PE
- Color: white、yellow、blue、orange
- Inner jacket: PVC
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: PVC
- Color: green (approximate RAL 6018)

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

Technical Data

-  **Core identification code**
- with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

-  **Test voltage**
- 2000V/min (AC)

-  **Minimum bending radius**
- 8D (D= cable diameter)

-  **Temperature Range**
- Flexing: -40° C ~ +80° C

-  **Characteristic Impedance**
- 100±15Ω

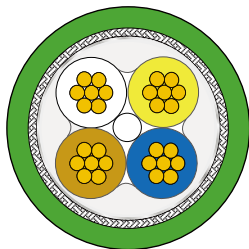
-  **Conductor DC Resistance**
- (20°C) ≤54.6Ω/km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W01846040720626T27GN	1X4X22AWG/1	PVC	6.5	23	67

Fmindustry Ethernet Profinet Type B

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Profinet Type B

cross section



Application Range

- Specially designed for PROFINET protocol, it is used in a wide range of industrial Ethernet occasions, such as machines, equipment,
- The wiring of instruments and control cabinets shall conform to CAT5e.
- Particularly suitable for stationary applications.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- It is oil resistant, ultraviolet resistant and low temperature resistant
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: PE
- Color: white、yellow、blue、orange
- Inner jacket: see the table below
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: see the table below
- Color: green (approximate RAL 6018)

Properties

- Temperature range
Occasional movement
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
100±15Ω

Technical Data

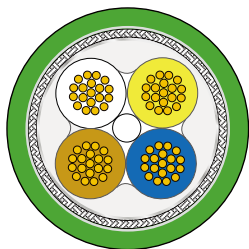
- **Core identification code**
 - with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
- **Test voltage**
 - 2000V/min (AC)
- **Minimum bending radius**
 - Occasional movement
 - 8D (D= cable diameter)
- **Temperature Range**
 - - 40°C ~ + 80°C
- **Characteristic Impedance**
 - 100±15Ω
- **Conductor DC Resistance**
 - (20°C) ≤60 Ω/km

Product Code	Product Specifications	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0184604070052627GN	1X4X22AWG/7	PVC	PVC	6.5	23	62
W01846040700526T28GN	1X4X22AWG/7	NHFR	TPU	6.5	23	62

Fmindustry Ethernet Profinet Type C

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Profinet Type C

cross section



Application Range

- Specially designed for PROFINET protocol, it is used in a wide range of industrial Ethernet occasions, such as machines, equipment,
- The wiring of instruments and control cabinets shall conform to CAT5e.
- Suitable for drag chain applications or frequent movements

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: PE
- Color: white、yellow、blue、orange
- Inner jacket: see the table below
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: see the table below
- Color: green (approximate RAL 6018)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
100±15Ω

Technical Data

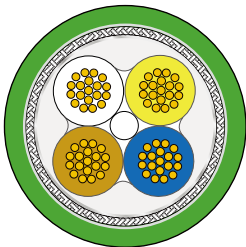
- **Core identification code**
 - with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
- **Test voltage**
 - 2000V/min (AC)
- **Minimum bending radius**
 - 8D (D= cable diameter)
- **Temperature Range**
 - - 40°C ~ + 80°C
- **Characteristic Impedance**
 - 100±15Ω
- **Conductor DC Resistance**
 - ≤ 60 Ω / km

Product Code	Product Specifications	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W01846040710526T27GN	1X4X22AWG/19	PVC	PVC	6.5	28	68

Fmindustry Ethernet Profinet Type C

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Profinet Type C

cross section



Application Range

- Specially designed for PROFINET protocol, it is used in a wide range of industrial Ethernet occasions, such as machines, equipment,
- The wiring of instruments and control cabinets shall conform to CAT5e.
- Suitable for drag chain applications or frequent movements

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good anti external electromagnetic interference ability.
- Superior transmission performance and good flexibility

Product Structure

- Conductor: stranded tinned copper
- Insulation: PE
- Color: white、yellow、blue、orange
- Shield: aluminum foil wrapped with special metal braid
- Out jacket: see the table below
- Color: green (RAL 6018)

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

Technical Data

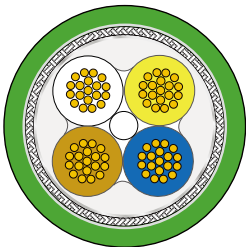
-  **Core identification code**
 - with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Rated Voltage**
 - 300V
-  **Minimum bending radius**
 - 8D (D= cable diameter)
-  **Temperature Range**
 - Flexing: - 40°C ~ + 80°C
-  **Characteristic Impedance**
 - 100±15Ω
-  **Conductor DC Resistance**
 - (20°C) ≤ 150 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0184604073052628GN	1X4X26AWG/19	TPU	4.9	13	32

Fmindustry Ethernet Profinet Type C

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Profinet Type C

cross section



Application Range

- Specially designed for PROFINET protocol, it is used in a wide range of industrial
- Ethernet occasions, such as machines, equipment,
- The wiring of instruments and control cabinets shall conform to CAT5e.
- Suitable for drag chain applications or frequent movements

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1.
- It has good anti external electromagnetic interference ability.
- Superior transmission performance and good flexibility.

Product Structure

- Conductor: stranded tinned copper
- Insulation: PE
- Color: white、yellow、blue、orange
- Inner jacket: see the table below
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: see the table below
- Color: green (approximate RAL 6018)

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

Technical Data

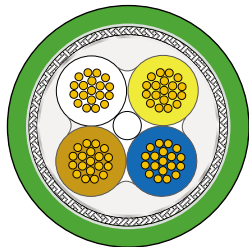
-  **Core identification code**
 - with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Rated Voltage**
 - 300V
-  **Minimum bending radius**
 - Fixed applications
 - 8D (D= cable diameter)
-  **Temperature Range**
 - Flexing: - 40°C ~ + 80°C
-  **Characteristic Impedance**
 - 100±15Ω
-  **Conductor DC Resistance**
 - (20°C) ≤ 62 Ω / km

Product Code	Product Specifications	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W01846040710526T28GN	1X4X22AWG/19	FRNC	TPU	6.5	26	65

Fmindustry Ethernet Profinet Type R

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Profinet Type R

cross section



Application Range

- Specially designed for PROFINET protocol, it is used in a wide range of industrial Ethernet occasions, such as machines, equipment, The wiring of instruments and control cabinets shall conform to CAT5e.
- Especially suitable for 3D motion of industrial robots.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good anti external electromagnetic interference ability.
- Superior transmission performance and good flexibility

Product Structure

- Conductor: stranded tinned copper
- Insulation: PE
- Color: white、yellow、 blue、 orange
- Inner jacket: see the table below
- Shield: aluminum foil wrapped with special metal braid
- Out jacket: see the table below
- Color: green (approximate RAL 6018)

Properties

- Temperature range Occasional movement - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

Technical Data

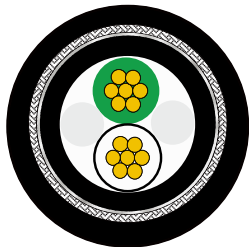
-  **Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Minimum bending radius**
 - 8D (D= cable diameter)
-  **Temperature Range**
 - Occasional movement TPU: - 40°C ~ + 80°C
-  **Characteristic Impedance**
 - 100±15Ω
-  **Conductor DC Resistance**
 - (20°C) ≤ 62 Ω / km

Product Code	Product Specifications	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0184604071052628GN	1X4X22AWG/19	FRNC	TPU	6.5	26	65

Fmindustry Ethernet Open Cable

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Open Cable

cross section



Application Range

- It is applied to high-speed data communication of automobile ADAS
- advanced driving assistance system, automatic driving and monitoring system.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1.
- It has good anti external electromagnetic interference ability.
- Superior transmission performance and good flexibility.

Product Structure

- Conductor: stranded bare copper
- Insulation: High temperature resistant pp
- Color: white、 Green
- Inner jacket: FRNC
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: High temperature resistant material
- Color: black

Properties

- Temperature range - 40°C ~ + 125°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

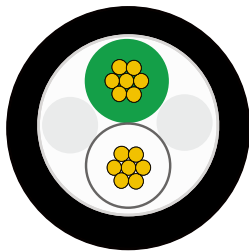
Product Code	Product Specifications	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0384604070052650BK	1X2X22AWG/7	FRNC	High temperature resistant material	5.7	19	52

Technical Data

-  **Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Minimum bending radius**
 - Fixed applications
 - 10D (D= cable diameter)
-  **Temperature Range**
 - Flexing: - 40° C ~ + 125° C
-  **Characteristic Impedance**
 - 100±15Ω
-  **Conductor DC Resistance**
 - (20°C) ≤ 55.4 Ω / km

Fmindustry Ethernet Open Cable

cross section



FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet Open Cable

Application Range

- It is applied to high-speed data communication of automobile ADAS
- advanced driving assistance system, automatic driving and monitoring system.

Product Structure

- Conductor: stranded bare copper
- Insulation: High temperature resistant pp
- Color: white、Green
- Out jacket: High temperature resistant material
- Color: black

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1.
- It has good anti external electromagnetic interference ability.
- Superior transmission performance and good flexibility.

Properties

- Temperature range - 40°C ~ + 125°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

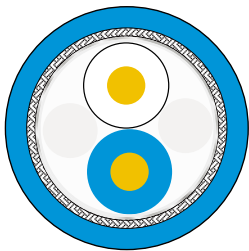
Technical Data

-  **Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer's requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Minimum bending radius**
 - Fixed applications
 - 10D (D= cable diameter)
-  **Temperature Range**
 - Flexing: - 40° C ~ + 125° C
-  **Characteristic Impedance**
 - 100±15Ω
-  **Conductor DC Resistance**
 - (20°C) ≤ 55.4 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W03846040700526T50BK	1X2X22AWG/7	High temperature resistant material	4.0	6.5	24

Fmindustry Ethernet SPE Cable

cross section



FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet SPE Cable

Application Range

- Single Pair Ethernet (SPE) is a technology for Ethernet data transmission only through a single pair of wires.
- In addition to data transmission via Ethernet, the SPE can also be powered by PoDL (data line) Power the terminal equipment at the same time.
- The products are used in factory automation, industrial Internet of Things (IIoT) Robot, building cabling and other occasions.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: solid bare copper
- Insulation: foamed PE
- Color: white, blue
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: FRNC
- Color: blue

Properties

- Temperature range - 20°C ~ + 125°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15Ω

Technical Data

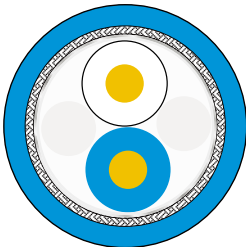
-  **Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer's requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Minimum bending radius**
 - Fixed applications
 - 10D (D= cable diameter)
-  **Temperature Range**
 - Flexing: - 20° C ~ + 80° C
-  **Characteristic Impedance**
 - 100±15Ω
-  **Conductor DC Resistance**
 - ≤ 23.3 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0284502381022729BU	1X2X18AWG/1	FRNC	6.7	25	56

Fmindustry Ethernet SPE Cable

FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet SPE Cable

cross section



Application Range

- Single Pair Ethernet (SPE) is a technology for Ethernet data transmission only through a single pair of wires.
- In addition to data transmission via Ethernet, the SPE can also be powered by PoDL (data line) Power the terminal equipment at the same time.
- The products are used in factory automation, industrial Internet of Things (IIoT) Robot, building cabling and other occasions.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: white、 blue
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: FRNC
- Color: blue

Properties

- Temperature range - 20°C ~ + 80°C
- Test voltage 1000V/min (AC)
- Characteristic impedance 100±15Ω

Technical Data

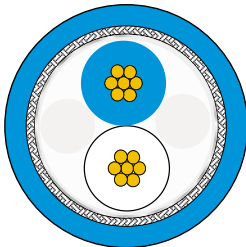
-  **Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
-  **Test voltage**
 - 1000V/min (AC)
-  **Minimum bending radius**
 - Fixed applications
 - 10D (D= cable diameter)
-  **Temperature Range**
 - Fixed applications
 - - 20° C ~ + 80° C
-  **Characteristic Impedance**
 - (20°) 100±15Ω
-  **Conductor DC Resistance**
 - Fixed applications
 - (20°C) ≤ 74 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0284502379022729BU	1X2X23AWG/1	FRNC	4.2	9	22

Fmindustry Ethernet SPE Cable

FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Ethernet SPE Cable

cross section



Application Range

- Single Pair Ethernet (SPE) is a technology for Ethernet data transmission only through a single pair of wires.
- In addition to data transmission via Ethernet, the SPE can also be powered by PoDL (data line) Power the terminal equipment at the same time.
- The products are used in factory automation, industrial Internet of Things (IIoT) Robot, building cabling and other occasions.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: white、 blue
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: FRNC
- Color: blue

Properties

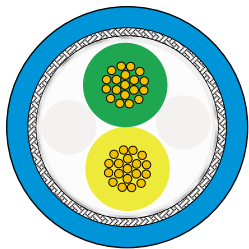
- Temperature range - 20°C ~ + 80°C
- Test voltage 1000V/min (AC)
- Characteristic impedance 100±15Ω

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0284502380022729BU	1X2X23AWG/7	FRNC	4.5	10	24

Fmindustry Can-Bus PVC Cable

FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Can-Bus PVC Cable

cross section



Application Range

- It can be used in a variety of fieldbus systems, and is suitable for automation technology, integrated control,
- controller etc networking setting, such as textile industry, construction machinery industry and medical industry.
- Suitable for fixing applications or occasionally mobile applications.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: foamed PE
- Color: yellow, green
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: PVC
- Color: blue

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 120±12Ω (1~10MHz)

Technical Data

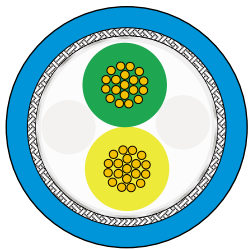
- Core identification code**
 - with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
- Test voltage**
 - 2000V/min (AC)
- Rated Voltage**
 - 300V
- Minimum bending radius**
 - Flexing: 10D(Cable O.D.)
 - Fixed installation: 15D(Cable O.D.)
- Temperature Range**
 - Flexing: - 40° C ~ + 80° C
- Characteristic Impedance**
 - 120±12Ω (1~10MHz)
- Conductor DC Resistance**
 - 28.6 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0584602386042727BU	1X2X18AWG/19	PVC	8.6	31	80

Fmindustry Can-Bus PVC Cable

FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Can-Bus PVC Cable

cross section



Application Range

- It can be used in a variety of fieldbus systems, and is suitable for automation technology, integrated control,
- controller etc networking setting, such as textile industry, construction machinery industry and medical industry.
- Suitable for fixing applications or occasionally mobile applications.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: foamed PE
- Color: yellow, green
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: PVC
- Color: blue

Properties

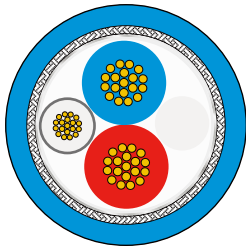
- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 120±12Ω (1~10MHz)

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0584602383042727BU	1X2X20AWG/19	PVC	7.3	24	61

Fmindustry Can-Bus TPU Cable

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Can-Bus TPU Cable

cross section



Application Range

- It can be used in a variety of fieldbus systems, and is suitable for automation technology, integrated control,
- controller etc networking setting, such as textile industry, construction machinery industry and medical industry.
- Suitable for fixing applications or occasionally mobile applications.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: foamed PE
- Color: rad, blue, white
- Shield: aluminum foil and tinned copper braid
- Out jacket: TPU
- Color: blue

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 120±12Ω (1~10MHz)

Technical Data

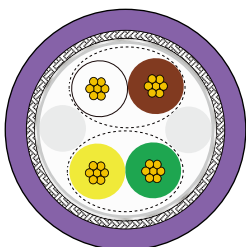
-  **Core identification code**
 - with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
-  **Test voltage**
 - 2000V/min (AC)
-  **Rated Voltage**
 - 300V
-  **Minimum bending radius**
 - Flexing: 10D(Cable O.D.)
 - Fixed installation: 15D(Cable O.D.)
-  **Temperature Range**
 - Flexing: - 40° C ~ + 80° C
-  **Characteristic Impedance**
 - 120±12Ω (1~10MHz)
-  **Conductor DC Resistance**
 - 40 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0584603384042727BU	(1P+1C) x20AWG/19	TPU	7.3	27	66

Fmindustry Can-Bus TPU Cable

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Can-Bus TPU Cable

cross section



Application Range

- It can be used in a variety of fieldbus systems, and is suitable for automation technology, integrated control,
- controller etc networking setting, such as textile industry, construction machinery industry and medical industry.
- Suitable for fixing applications or occasionally mobile applications.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: foamed PE
- Color: yellow*green, white*brown
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: see the table below
- Color: purple (RAL 4005)

Properties

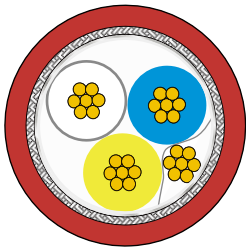
- Temperature range - 40°C ~ + 80°C
- Test voltage 500V/min (AC)
- Characteristic impedance 120±12Ω (1~16MHz)

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0584604385042728VT	2X2X22AWG/7	TPU	8.5	29	72

Fmindustry CC-Link PVC Cable

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry CC-Link PVC Cable

cross section



Application Range

- Directly connect various flowmeters, solenoid valves,
- temperature controllers and other field equipment.

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: white、 blue、 yellow
- Shield: aluminum foil and tinned copper braid
- Out jacket: PVC
- Color: red(RAL-3000)

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 500V/min (AC)
- Characteristic impedance 110 ±15 Ω (1MHz) 100 ± 6 Ω (5MHz)

Technical Data

-  **Core identification code**
- with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

-  **Test voltage**
- 500V/min (AC)

-  **Rated Voltage**
- 300V

-  **Minimum bending radius**
- Flexing: 10D(Cable O.D.)
 - Fixed installation: 15D(Cable O.D.)

-  **Temperature Range**
- Flexing: - 40° C ~ + 80° C

-  **Characteristic Impedance**
- 110 ±15 Ω (1MHz)
 - 100 ± 6 Ω (5MHz)

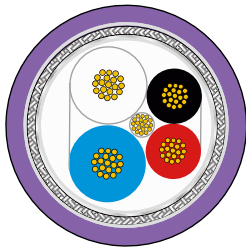
-  **Conductor DC Resistance**
- 5000M Ω.km

Product Code	Product Specifications	Ground Wire	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0814503074042727RD	1X3X20AWG/7	22AWG	PVC	7.0	32	63

Fmindustry DeviceNet PVC Cable

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry DeviceNet PVC Cable

cross section



Application Range

- DeviceNET fieldbus system is used for connection of industrial equipment.
- It is a low cost network connection and has an open network standard.
- One pair of wires transmits data and one pair of wires supplies power.
- Suitable for fixed installation or occasional movement

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference

Product Structure

- Conductor: stranded tinned copper
- Insulation: foamed PE, PVC
- Color: white*blue, rad*black
- Shield: Pair shielding with foil, tinned copper overall braiding
- Out jacket: see the table below
- Color: purple (Approximate RAL 4005)

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 1000V/min (AC)
- Characteristic impedance 120±12Ω (1~10MHz)

Technical Data

-  **Core identification code**
- with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

-  **Test voltage**
- 1000V/min (AC)

-  **Rated Voltage**
- 300V

-  **Minimum bending radius**
- Flexing: 15D(Cable O.D.)
 - Fixed installation: 15D(Cable O.D.)

-  **Temperature Range**
- Flexing: - 40° C ~ + 80° C

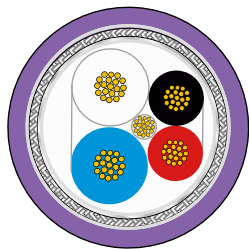
-  **Characteristic Impedance**
- 110 ±15 Ω (1MHz)
 - 100 ± 6 Ω (5MHz)

-  **Conductor DC Resistance**
- 22AWG ≤ 60 Ω / km
 - 24AWG ≤ 94.2 Ω / km
 - 18AWG ≤ 23 Ω / km
 - 24AWG ≤ 57.4 Ω / km

Product Code	Product Specifications	Ground Wire	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0784604714142727VT	1X2X15AWG/19 // 1X2X18AWG/19	18AWG	PVC	11.0	75	163
W0784604713142727VT	1X2X22AWG/19 // 1X2X24AWG/19	22AWG	PVC	6.8	24	60

Fmindustry DeviceNet TPU Cable

cross section



FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry DeviceNet TPU Cable

Application Range

- DeviceNET fieldbus system is used for connection of industrial equipment.
- It is a low cost network connection and has an open network standard.
- One pair of wires transmits data and one pair of wires supplies power.
- Suitable for fixed installation or occasional movement

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: foamed PE
- Color: white*blue, rad*black
- Shield: tinned copper braid
- Out jacket: TPU
- Color: purple (Approximate RAL 4005)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
1000V/min (AC)
- Characteristic impedance
120±12Ω (1~10MHz)

Technical Data



Core identification code

- with up to 5mm²: acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 1000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- 120±12Ω (1~10MHz)



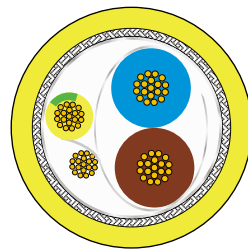
Conductor DC Resistance

- 24AWG ≤ 94.2 Ω / km
- 22AWG ≤ 60 Ω / km

Product Code	Product Specifications	Ground Wire	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0784604713142728VT	1X2X22AWG/19 // 1X2X24AWG/19	22AWG	FRNC	TPU	7.3	27	66

Fmindustry Fieldbus PVC Cable

cross section



FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Fieldbus PVC Cable

Application Range

- As a fully distributed automation system, it mainly measures, transmits,
- controls, displays and calculates industrial process parameters, and realizes automatic
- monitoring, automatic adjustment and automatic
- protection of production process

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: Crosslinked PE、PVC
- Color: Blue*Brown, Yellow/Green
- Shield: aluminum foil and tinned copper braid
- Out jacket: see the table below
- Color: yellow

Properties

- Temperature range
- 40°C ~ + 105°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
100±20Ω (31.25KHz)

Technical Data



Core identification code

- with up to 5mm²: acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C ~ + 105° C



Characteristic Impedance

- 100 ± 20 Ω (31.25KHz)



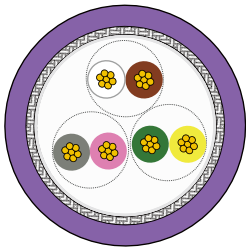
Conductor DC Resistance

- 24 Ω / km

Product Code	Product Specifications	Ground Wire	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W1314502501042727YE	(1P+1C)x18AWG /41	0.5mm²	PVC	7.9	45	97

Fmindustry Interbus Cable

cross section



FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Interbus Cable

Application Range

- Fieldbus system applies to automobile, tobacco, storage, paper making, packaging,
- food and other fieldbus industries.

Product Structure

- Conductor: stranded bare copper
- Insulation: PE
- Color: white* brown, Green*Yellow, gray*pink
- Shield: aluminum foil and tinned copper braid
- Out jacket: see the table below
- Color: purple (Approximate RAL 4005)

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance 100±15 Ω (0.772 ~ 20MHz)

Technical Data

-  **Core identification code**
- with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

-  **Test voltage**
- 2000V/min (AC)

-  **Rated Voltage**
- 300V

-  **Minimum bending radius**
- Flexing: 10D(Cable O.D.)
 - Fixed installation: 15D(Cable O.D.)

-  **Temperature Range**
- Flexing: - 40° C ~ + 80° C

-  **Characteristic Impedance**
- 100±15 Ω (0.772 ~ 20MHz)

-  **Conductor DC Resistance**
- ≤ 94.2Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W1184506390042627VT	3X2X24AWG/7	PVC	7.0	25	60

Fmindustry Lonbus Cable

cross section



FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Lonbus Cable

Application Range

- It conforms to RS-485 communication protocol and is applicable to complex industrial automation control network and building` s automatic control network,
- suitable for fixed applications and occasional mobile

Product Structure

- Conductor: solid bare copper
- Insulation: foamed PE
- Color: white, blue
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: PVC
- Color: white

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 500V/min (AC)
- Characteristic impedance 100±10 Ω (1~10MHz)

Technical Data

-  **Core identification code**
- with up to 5mm²: acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

-  **Test voltage**
- 500V/min (AC)

-  **Rated Voltage**
- 300V

-  **Minimum bending radius**
- Fixed applications
 - 15D (D= cable diameter)

-  **Temperature Range**
- Flexing: - 40° C ~ + 80° C

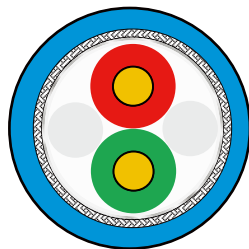
-  **Characteristic Impedance**
- 100±10 Ω (1~10MHz)

-  **Conductor DC Resistance**
- ≤ 57 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W1214502387042727WH	1X2X22AWG/1	PVC	4.4	14	26

Fmindustry Profibus PA PVC Cable

cross section

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Profibus PA PVC Cable

Application Range

- PROFIBUS-PA cable is used for industrial fieldbus system in automation and communication technology.
- Suitable for stationary applications in areas with explosion hazards.
- Economical cable, reducing laying cost.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: solid bare copper
- Insulation: foamed PE
- Color: rad, green
- Shield: aluminum foil and tinned copper braid
- Out jacket: PVC
- Color: blue (Approximate RAL 5015)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
100±20Ω (31.25KHz)
80 Ω (>1MHz) nom

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Fixed applications
- 15D (D= cable diameter)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- 100±10 Ω (1~10MHz)



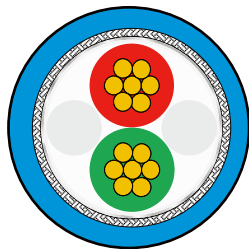
Conductor DC Resistance

- 100±20Ω (31.25KHz)
- 80 Ω (>1MHz) nom

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0684502401122728BU	1X2X18AWG/1	PVC	7.6	31	71

Fmindustry Profibus PA PVC Cable

cross section

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Profibus PA PVC Cable

Application Range

- PROFIBUS-PA cable is used for industrial fieldbus system in automation and communication technology.
- Suitable for stationary applications in areas with explosion hazards.
- Economical cable, reducing laying cost.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: rad, green
- Shield: aluminum foil and tinned copper braid
- Out jacket: PVC
- Color: blue (Approximate RAL 5015)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
100±20Ω (31.25KHz)
80 Ω (>1MHz) nom

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- 100±20Ω (31.25KHz)
- 80 Ω (>1MHz) nom



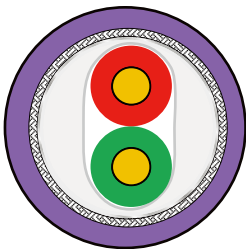
Conductor DC Resistance

- ≤ 22 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0684502402122728BU	1X2X18AWG/37	PVC	7.6	33	75

Fmindustry Profibus DP PVC Cable

cross section



FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Profibus DP PVC Cable

Application Range

- PROFIBUS-DP cable is used for industrial field bus system in automation and communication technology.
- Suitable for stationary applications.
- PE jacket cable is suitable for outdoor installation.

Product Structure

- Conductor: solid bare copper
- Insulation: foamed PE
- Color: rad, green
- Inner jacket: PVC
- Shield: aluminum foil and tinned copper braid
- Out jacket: PVC
- Color: purple (Approximate RAL 4005)

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance $150 \pm 15 \Omega$ (3~20MHz)

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Fixed applications
- 10D (D= cable diameter)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- $150 \pm 15 \Omega$ (3~20MHz)



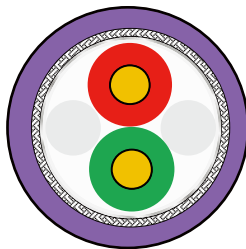
Conductor DC Resistance

- (20°C) $\leq 55 \Omega / \text{km}$

Product Code	Product Specifications	Inner Jacket	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W06845023871227T2VT	1X2X22AWG/1	PVC	PVC	8	17	80

Fmindustry Profibus DP PVC Cable

cross section



FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Profibus DP PVC Cable

Application Range

- PROFIBUS-DP cable is used for industrial field bus system in automation and communication technology.
- Suitable for stationary applications.
- PE jacket cable is suitable for outdoor installation.

Product Structure

- Conductor: solid bare copper
- Insulation: foamed PE
- Color: rad, green
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: PVC
- Color: purple (Approximate RAL 4005)

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Properties

- Temperature range - 40°C ~ + 80°C
- Test voltage 2000V/min (AC)
- Characteristic impedance $150 \pm 15 \Omega$ (3~20MHz)

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Fixed applications
- 5D (D= cable diameter)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- $150 \pm 15 \Omega$ (3~20MHz)



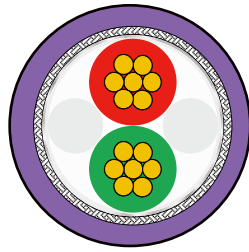
Conductor DC Resistance

- $\leq 55 \Omega / \text{km}$

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W06845023871227T2VT	1X2X22AWG/1	PVC	7.8	16	63

Fmindustry Profibus DP PVC Cable

cross section

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Profibus DP PVC Cable

Application Range

- PROFIBUS-DP cable is used for industrial field bus system in automation and communication technology.
- Suitable for occasional mobile use.
- PE jacket cable is suitable for outdoor installation.

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: rad, green
- Shield: aluminum foil and tinned copper braid
- Out jacket: PVC
- Color: purple (Approximate RAL 4005)

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
150 ± 15Ω (3~20MHz)
30 nF/km (@1kHz) nom.

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- 150 ± 15 Ω (3~20MHz)
- 30 nF/km (@1kHz) nom.



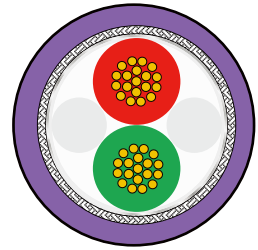
Conductor DC Resistance

- ≤ 57.4 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0684502388122727VT	1X2X22AWG/7	PVC	8	17	70

Fmindustry Profibus DP TPU Cable

cross section

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Profibus DP TPU Cable

Application Range

- PROFIBUS-DP cable is used for industrial fieldbus system in automation and communication technology,
- It is especially suitable for flexible installation of power drag chain, moving parts of machinery, robots, etc.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: rad, green
- Shield:
aluminum foil wrapped with tinned copper braid
- Out jacket: TPU
- Color: purple (Approximate RAL 4005)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
150 ± 15Ω (3~20MHz)

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- 150 ± 15 Ω (3~20MHz)



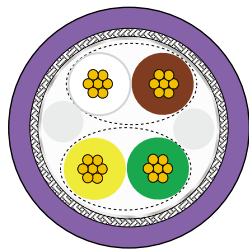
Conductor DC Resistance

- ≤ 66.5 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0684502400122728VT	1X2X23AWG/13	TPU	8	15	60

Fmindustry RS485 PVC Cable

cross section

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry RS485 PVC Cable

Application Range

- Compliant with RS-485 communication protocol
- Suitable for complex industrial automation control network communication and building automation network communication
- Suitable for fixed applications and occasional mobility

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Superior transmission performance

Product Structure

- Conductor: stranded tinned copper
- Insulation: PE
- Color: white*brown, green*yellow
- Shield: aluminum foil and tinned copper braid
- Out jacket: PVC
- Color: purple (Approximate RAL 4005)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
100~120Ω (1~10MHz)

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer's requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C ~ + 80° C



Characteristic Impedance

- 100~120 Ω (1~10MHz)



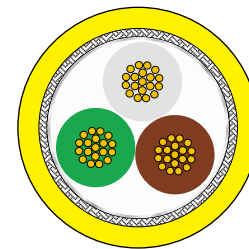
Conductor DC Resistance

- (20°C) ≤ 95 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W0984604389042627VT	2X2X24AWG/7	PVC	7.0	24	61

Fmindustry Safetybus PVC Cable

cross section

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD Fmindustry Safetybus PVC Cable

Application Range

- Safetybus is widely used in automobile, machinery, ship, machine tool,
- petrochemical and other industries, in the welding work of automobile industry,
- safety fieldbus is also a very important link.

Characteristic

- Flame retardancy meets the requirements of IEC 60332-1
- It has good ability to resist external electromagnetic interference
- Stable transmission performance for fixed installation or occasional movement

Product Structure

- Conductor: stranded bare copper
- Insulation: foamed PE
- Color: white, brown, green
- Shield: aluminum foil wrapped with tinned copper braid
- Out jacket: PVC
- Color: yellow (Approximate RAL 6003)

Properties

- Temperature range
- 40°C ~ + 80°C
- Test voltage
2000V/min (AC)
- Characteristic impedance
120±15Ω (1~10MHz)

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer's requirement



Test voltage

- 2000V/min (AC)



Rated Voltage

- 300V



Minimum bending radius

- Flexing: 10D(Cable O.D.)
- Fixed installation: 15D(Cable O.D.)



Temperature Range

- Flexing: - 40° C to + 80° C



Characteristic Impedance

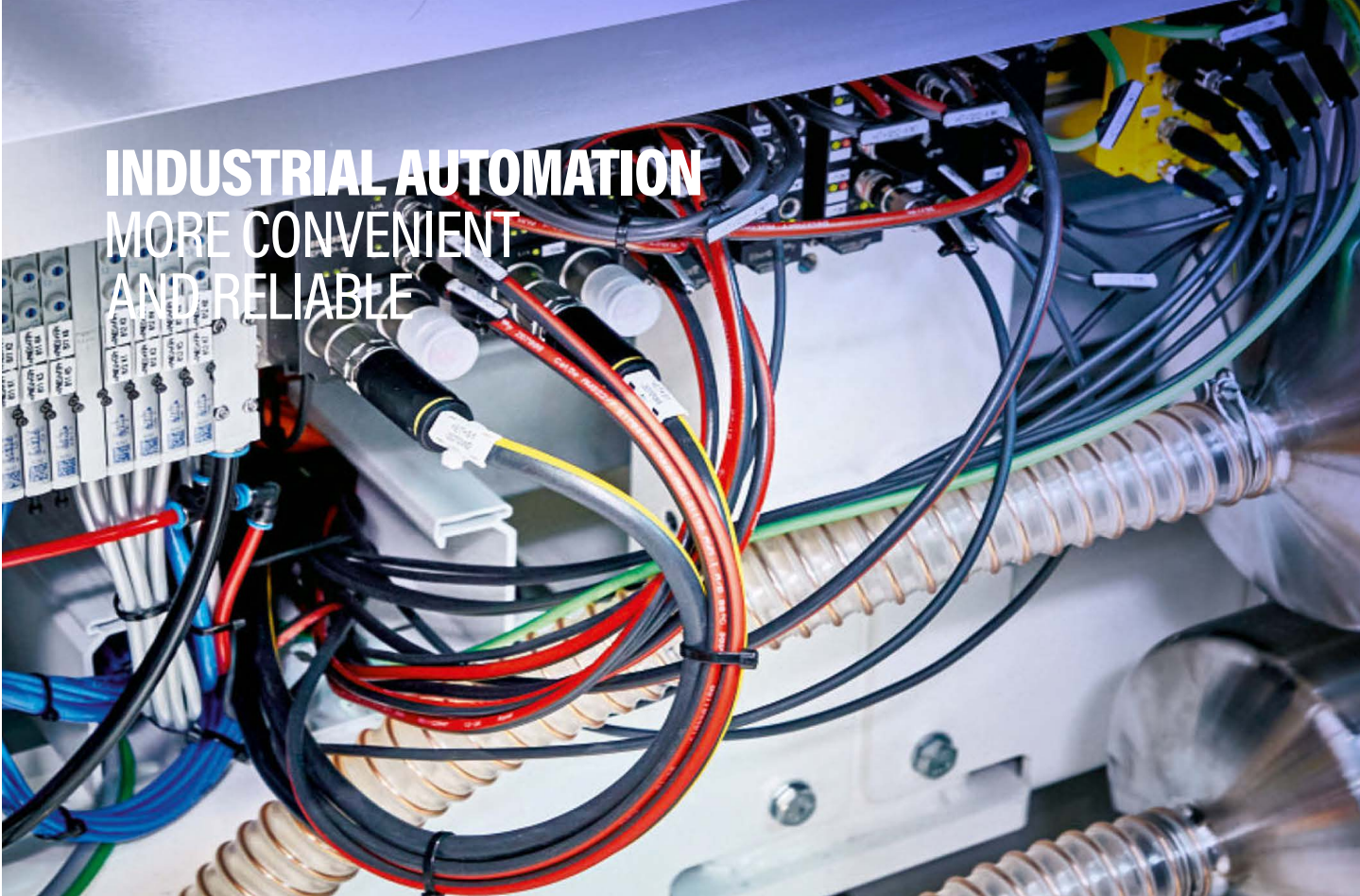
- 120±15Ω (1~10MHz)



Conductor DC Resistance

- ≤ 26 Ω / km

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
W1084503075052727YE	1X3X18AWG/24	PVC	7.6	38	72



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2 DATA CABLE

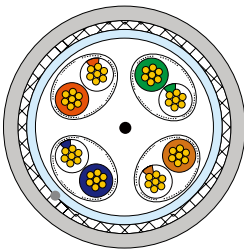
- Cat 5e Stranded Cable-SF/UTP
- Cat 6 Stranded Cable-SF/UTP
- Cat 6A Stranded Cable-S/FTP

Cat 5e Stranded Cable-SF/UTP

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD

cross section



Application Range

- Using high-quality copper materials to ensure excellent tensile and electrical resistance performance of the product;
- Optimize the design of high-speed cable pitch technology and high-speed cable production process.
- Certified by authoritative third-party testing agencies Using environmental protection material that comply with REACH and RoHS standards

Product Structure

- Conductor: 24AWG、26AWG
- Conductor Dia: 7/0.20mm、7/0.160mm
- Insulation: HDPE
- Insulation Dimension: 1.02±0.05mm/ 0.90±0.05mm
- Outer Sheath Material: PVC/PUR
- Cable Dimension: 6.2±0.2mm/ 5.8±0.2mm

Standards/Certification

- conform to UL Standards :
100Base-T4
100Base-TX
100VG-AnyLAN
1000Base-T
1000Base-TX
155Mbps ATM

Properties

- Nominal Temperature: -20~+75℃
- Before Aging
Tensile Strength: ≥13.8Mpa
Breaking Elongation: ≥100%
- After Aging
Tensile Strength: ≥85%Mpa
Breaking Elongation: ≥50%
- Aging Conditions: 100℃ @168h
- Fluke Test: Channel/Patch cord

Technical Data

- **Minimum bending radius**
 - Flexing: 8D(Cable O.D.)
 - Fixed installation: 4D(Cable O.D.)
- **Temperature Range**
 - Flexing: - 20° C ~ + 75° C
- **DC Resistance**
 - ≤9.50Ω/100m[24AWG]
 - ≤14.5Ω/100m[26AWG]
- **Test Voltage**
1000V/min (AC)
- **Rated Voltage**
150V
- **Rated current**
● 1.5A
- **Insulation resistance**
● 5000 MΩ.km

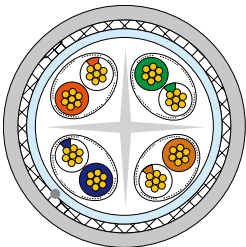
Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
LC0424PC5EV001	Cat.5e SF/UTP 24AWG	PVC	6.2±0.2	17.96	52
LC0424PC5EV001	Cat.5e SF/UTP 24AWG	PUR	6.2±0.2	17.96	50
LC0424PC5EV001	Cat.5e SF/UTP 26AWG	PVC	5.8±0.2	11.64	43
LC0424PC5EV001	Cat.5e SF/UTP 26AWG	PUR	5.8±0.2	11.64	41

Cat 6 Stranded Cable-SF/UTP

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD

cross section



Application Range

- Using high-quality copper materials to ensure excellent tensile and electrical resistance performance of the product;
- Optimize the design of high-speed cable pitch technology and high-speed cable production process.
- Certified by authoritative third-party testing agencies Using environmental protection material that comply with REACH and RoHS standards

Product Structure

- Conductor: 24AWG、26AWG
- Conductor Dia: 7/0.20mm、7/0.160mm
- Insulation: Leather Foam PE
- Insulation Dimension: 1.05±0.05mm/ 1±0.05mm
- Outer Sheath Material: PVC/PUR
- Cable Dimension: 6.5±0.2mm/ 6.2±0.2mm

Standards/Certification

- conform to UL Standards : 100Base-T4 100Base-TX 100VG-AnyLAN 1000Base-T 1000Base-TX 155Mbps ATM 622Mbps ATM

Properties

- Nominal Temperature: -20~+75°C
- Before Aging Tensile Strength: ≥13.8Mpa Breaking Elongation: ≥100%
- After Aging Tensile Strength: ≥85%Mpa Breaking Elongation: ≥50%
- Aging Conditions: 100°C @168h
- Fluke Test: Channel/Patch cord

Technical Data

-  **Minimum bending radius**
 - Flexing: 8D(Cable O.D.)
 - Fixed installation: 4D(Cable O.D.)
-  **Temperature Range**
 - Flexing: - 20° C ~ + 75° C
-  **DC Resistance**
 - ≤9.50Ω/100m[24AWG]
 - ≤14.5Ω/100m[26AWG]
-  **Test Voltage**
 - 1000V/min (AC)
-  **Rated Voltage**
 - 150V
-  **Rated current**
 - 1.5A
-  **Insulation resistance**
 - 5000 MΩ.km

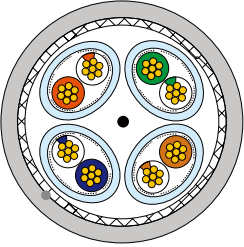
Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
LC0424PC6V001	Cat.6 SF/UTP 24AWG	PVC	6.5±0.2	17.96	54
LC0424PC6U001	Cat.6 SF/UTP 24AWG	PUR	6.5±0.2	17.96	52
LC0426PC6V001	Cat.6 SF/UTP 26AWG	PVC	6.2±0.2	11.64	46
LC0426PC6U001	Cat.6 SF/UTP 26AWG	PUR	6.2±0.2	11.64	44

Cat 6A Stranded Cable-S/FTP

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD

cross section



Application Range

- Using high-quality copper materials to ensure excellent tensile and electrical resistance performance of the product;
- Optimize the design of high-speed cable pitch technology and high-speed cable production process.
- Certified by authoritative third-party testing agencies Using environmental protection material that comply with REACH and RoHS standards

Product Structure

- Conductor: 26AWG、27AWG
- Conductor Dia: 7/0.160mm、7/0.145mm
- Insulation: Leather Foam PE
- Insulation Dimension: 1.05±0.05mm/ 1.0±0.05mm
- Outer Sheath Material: PVC/PUR
- Cable Dimension: 6.2±0.2mm/ 6.0±0.2mm

Standards/Certification

- conform to UL Standards : 100Base-T4 100Base-TX 100VG-AnyLAN 1000Base-T 1000Base-TX 155Mbps ATM 622Mbps ATM 10GB ETHERNET

Properties

- Nominal Temperature: -20~+75°C
- Before Aging Tensile Strength: ≥13.8Mpa Breaking Elongation: ≥100%
- After Aging Tensile Strength: ≥85%Mpa Breaking Elongation: ≥50%
- Aging Conditions: 100°C @168h
- Fluke Test: Channel/Patch cord

Product Code	Product Specifications	Out Jacket	Nominal Outside Diameter (mm)	Copper Weight (Kg/Km)	Cable Weight (Kg/Km)
LC0426PC6AV001	Cat6A S/FTP 26AWG	PVC	6.2±0.2	11.6	39
LC0426PC6AU001	Cat6A S/FTP 26AWG	PUR	6.2±0.2	11.6	37
LC0427PC6AV001	Cat6A S/FTP 27AWG	PVC	6.0±0.2	9.6	36
LC0427PC6AU001	Cat6A S/FTP 27AWG	PUR	6.0±0.2	9.6	34

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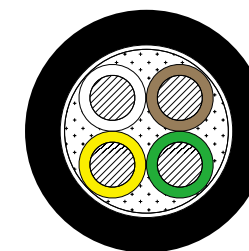
3 MODERATE FLEXIBLE DRAG CHAIN CABLE

- TRVV - Moderate flexible drag chain unshielded cable
- TRVVP - Moderate flexible drag chain shielded cable
- TRVVSP - Moderate drag chain pair-twisted shielded cable

TRVV - Moderate flexible drag chain unshielded cable

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD TRVV

cross section



Highlights

- Moderate flexible drag chain cable
- The outer sheath material is flexible and durable
- Anti-ultraviolet, excellent weatherability, cold and oil resistance
- Withstands high mechanical stresses

Application Range

- Suitable for installation under successive reciprocating motion, especially in frequent bending situations in industrial environments.
- Indoor and outdoor environments such as modern mechanical standard components in drag chains, logistics systems, control systems, mechanical automation systems, machine tools, electronic equipment, hardware stamping, injection molding machines, mechanical (manual) hands, construction machinery, automotive manufacturing, lifting and transportation equipment, automated warehouses, docks, fire trucks, etc

Standards/Certification

- conform to UL Standards :
E531888-UL-758 (Optional)
CCC5023&8734 (Optional)

Product Structure

- Conductor:
extra fine wire strands of tinned bare copper
- Insulation:
Special elastic material insulation
- Outer sheath:
Special NBR (nitrile rubber) mixture sheath
- Reference standards:
UL758, TUV, enterprise standards
- Core and outer sheath colors:
per customer' s request
- Core and outer sheath materials:
per customer' s request

Properties

- Flexing properties:
Travel length: acceleration 20m/S²
- Bending cycle:
60 times/min/m, >7 million times
- Features:
Waterproofing, oil-resistant, UV-resistant, cold-resistant, and withstands mechanical external forces.

Technical Data

- Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
- Rated Voltage**
 - U0/U ≤ 0.5mm² : 300/300V
 - > 0.5mm² : 300/500V
- Minimum bending radius**
 - Flexing: 5D(Cable O.D.)
 - Fixed installation: 8D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C
- Flammability**
 - Flame retardant acc. to GB/T18380
 - VW-1 (optional)
- Good chemical resistance**
 - Good oil resistance,
 - cold resistance,
 - acid and alkali solvent resistance, etc

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127102002001611BK	0.1	2	3.8±0.4	18
C0127103002001611BK	0.1	3	4±0.4	20
C0127104002001611BK	0.1	4	4.2±0.4	23
C0127105002001611BK	0.1	5	4.5±0.4	26
C0127106002001611BK	0.1	6	4.7±0.4	29
C0127107002001611BK	0.1	7	5±0.4	33
C0127108002001611BK	0.1	8	5.3±0.4	35
C0127109002001611BK	0.1	9	5.6±0.4	40
C0127110002001611BK	0.1	10	5.9±0.4	44
C012711002001611BK	0.1	11	5.8±0.4	43
C0127112002001611BK	0.1	12	5.8±0.4	43

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127113002001611BK	0.1	13	6±0.4	47
C0127114002001611BK	0.1	14	6±0.4	47
C0127115002001611BK	0.1	15	6.3±0.4	51
C0127116002001611BK	0.1	16	6.3±0.4	52
C0127117002001611BK	0.1	17	6.6±0.4	55
C0127118002001611BK	0.1	18	6.6±0.4	57
C0127119002001611BK	0.1	19	6.7±0.4	59
C0127120002001611BK	0.1	20	6.8±0.4	61
C0127121002001611BK	0.1	21	7.4±0.4	71
C0127122002001611BK	0.1	22	7.4±0.4	71
C0127123002001611BK	0.1	23	7.6±0.4	74

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127124002001611BK	0.1	24	7.6±0.4	76
C0127125002001611BK	0.1	25	7.6±0.4	78
C0127126002001611BK	0.1	26	8±0.4	83
C0127127002001611BK	0.1	27	8.3±0.6	87
C0127128002001611BK	0.1	28	8.3±0.6	88
C0127129002001611BK	0.1	29	8.3±0.6	89
C0127130002001611BK	0.1	30	8.3±0.6	90
C0127131002001611BK	0.1	31	8.3±0.6	91
C0127132002001611BK	0.1	32	8.3±0.6	92
C0127133002001611BK	0.1	33	8.3±0.6	92
C0127134002001611BK	0.1	34	8.6±0.6	98
C0127135002001611BK	0.1	35	8.6±0.6	99
C0127136002001611BK	0.1	36	8.6±0.6	100
C0127137002001611BK	0.1	37	8.8±0.6	101
C0127102004001611BK	0.14	2	3.9±0.4	19
C0127103004001611BK	0.14	3	4.1±0.4	22
C0127104004001611BK	0.14	4	4.4±0.4	25
C0127105004001611BK	0.14	5	4.6±0.4	29
C0127106004001611BK	0.14	6	4.9±0.4	33
C0127107004001611BK	0.14	7	5.2±0.4	37
C0127108004001611BK	0.14	8	5.5±0.4	40
C0127109004001611BK	0.14	9	5.8±0.4	45
C0127110004001611BK	0.14	10	6.1±0.4	50
C0127111004001611BK	0.14	11	6±0.4	48
C0127112004001611BK	0.14	12	6±0.4	49
C0127113004001611BK	0.14	13	6.3±0.4	54
C0127114004001611BK	0.14	14	6.3±0.4	55
C0127115004001611BK	0.14	15	6.6±0.4	58
C0127116004001611BK	0.14	16	6.6±0.4	60
C0127117004001611BK	0.14	17	6.9±0.4	63
C0127118004001611BK	0.14	18	6.9±0.4	66
C0127119004001611BK	0.14	19	7±0.4	68
C0127120004001611BK	0.14	20	7.1±0.4	70
C0127121004001611BK	0.14	21	7.7±0.4	81
C0127122004001611BK	0.14	22	7.7±0.4	81
C0127123004001611BK	0.14	23	7.9±0.4	84
C0127124004001611BK	0.14	24	7.9±0.4	87
C0127125004001611BK	0.14	25	7.9±0.4	89
C0127126004001611BK	0.14	26	8.4±0.6	96
C0127127004001611BK	0.14	27	8.7±0.6	100
C0127128004001611BK	0.14	28	8.7±0.6	102
C0127129004001611BK	0.14	29	8.7±0.6	104
C0127130004001611BK	0.14	30	8.7±0.6	105
C0127131004001611BK	0.14	31	8.7±0.6	106
C0127132004001611BK	0.14	32	8.7±0.6	107
C0127133004001611BK	0.14	33	8.7±0.6	107
C0127134004001611BK	0.14	34	9±0.6	114
C0127135004001611BK	0.14	35	9±0.6	115
C0127136004001611BK	0.14	36	9±0.6	116
C0127137004001611BK	0.14	37	9.3±0.6	119
C0127102005001611BK	0.2	2	4.1±0.4	22
C0127103005001611BK	0.2	3	4.3±0.4	25
C0127104005001611BK	0.2	4	4.6±0.4	29
C0127105005001611BK	0.2	5	4.9±0.4	34
C0127106005001611BK	0.2	6	5.2±0.4	39

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127107005001611BK	0.2	7	5.5±0.4	44
C0127108005001611BK	0.2	8	5.9±0.4	49
C0127109005001611BK	0.2	9	6.2±0.4	54
C0127110005001611BK	0.2	10	6.5±0.4	60
C0127111005001611BK	0.2	11	6.4±0.4	59
C0127112005001611BK	0.2	12	6.4±0.4	59
C0127113005001611BK	0.2	13	6.7±0.4	65
C0127114005001611BK	0.2	14	6.7±0.4	66
C0127115005001611BK	0.2	15	7±0.4	71
C0127116005001611BK	0.2	16	7±0.4	73
C0127117005001611BK	0.2	17	7.4±0.4	78
C0127118005001611BK	0.2	18	7.4±0.4	81
C0127119005001611BK	0.2	19	7.5±0.4	84
C0127120005001611BK	0.2	20	7.7±0.4	88
C0127121005001611BK	0.2	21	8.3±0.6	100
C0127122005001611BK	0.2	22	8.3±0.6	101
C0127123005001611BK	0.2	23	8.5±0.6	104
C0127124005001611BK	0.2	24	8.5±0.6	108
C0127125005001611BK	0.2	25	8.5±0.6	110
C0127126005001611BK	0.2	26	9.1±0.6	120
C0127127005001611BK	0.2	27	9.4±0.6	124
C0127128005001611BK	0.2	28	9.4±0.6	127
C0127129005001611BK	0.2	29	9.4±0.6	129
C0127130005001611BK	0.2	30	9.4±0.6	131
C0127131005001611BK	0.2	31	9.4±0.6	132
C0127132005001611BK	0.2	32	9.4±0.6	134
C0127133005001611BK	0.2	33	9.4±0.6	135
C0127134005001611BK	0.2	34	9.7±0.6	142
C0127135005001611BK	0.2	35	9.7±0.6	144
C0127136005001611BK	0.2	36	9.7±0.6	145
C0127137005001611BK	0.2	37	10.2±0.6	153
C0127102007001611BK	0.25	2	4.3±0.4	25
C0127103007001611BK	0.25	3	4.4±0.4	27
C0127104007001611BK	0.25	4	4.7±0.4	32
C0127105007001611BK	0.25	5	5.1±0.4	38
C0127106007001611BK	0.25	6	5.4±0.4	43
C0127107007001611BK	0.25	7	5.7±0.4	49
C0127108007001611BK	0.25	8	6.1±0.4	54
C0127109007001611BK	0.25	9	6.4±0.4	59
C0127110007001611BK	0.25	10	6.8±0.4	67
C0127111007001611BK	0.25	11	6.7±0.4	67
C0127112007001611BK	0.25	12	6.7±0.4	68
C0127113007001611BK	0.25	13	7±0.4	74
C0127114007001611BK	0.25	14	7±0.4	76
C0127115007001611BK	0.25	15	7.3±0.4	80
C0127116007001611BK	0.25	16	7.3±0.4	83
C0127117007001611BK	0.25	17	7.7±0.4	88
C0127118007001611BK	0.25	18	7.7±0.4	92
C0127119007001611BK	0.25	19	7.8±0.4	95
C0127120007001611BK	0.25	20	8±0.4	100
C0127121007001611BK	0.25	21	8.6±0.6	112
C0127122007001611BK	0.25	22	8.6±0.6	114
C0127123007001611BK	0.25	23	8.9±0.6	119
C0127124007001611BK	0.25	24	8.9±0.6	124
C0127125007001611BK	0.25	25	8.9±0.6	126

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127126007001611BK	0.25	26	9.5±0.6	136
C0127127007001611BK	0.25	27	10±0.6	145
C0127128007001611BK	0.25	28	10±0.6	148
C0127129007001611BK	0.25	29	10±0.6	151
C0127130007001611BK	0.25	30	10±0.6	153
C0127131007001611BK	0.25	31	10±0.6	155
C0127132007001611BK	0.25	32	10±0.6	156
C0127133007001611BK	0.25	33	10±0.6	158
C0127134007001611BK	0.25	34	10.3±0.6	166
C0127135007001611BK	0.25	35	10.3±0.6	168
C0127136007001611BK	0.25	36	10.3±0.6	169
C0127137007001611BK	0.25	37	10.7±0.6	176
C0127102008001611BK	0.3	2	4.4±0.4	26
C0127103008001611BK	0.3	3	4.6±0.4	31
C0127104008001611BK	0.3	4	4.9±0.4	36
C0127105008001611BK	0.3	5	5.2±0.4	41
C0127106008001611BK	0.3	6	5.6±0.4	48
C0127107008001611BK	0.3	7	5.9±0.4	54
C0127108008001611BK	0.3	8	6.3±0.4	59
C0127109008001611BK	0.3	9	6.7±0.4	67
C0127110008001611BK	0.3	10	7.1±0.4	75
C0127111008001611BK	0.3	11	6.9±0.4	73
C0127112008001611BK	0.3	12	6.9±0.4	75
C0127113008001611BK	0.3	13	7.3±0.4	83
C0127114008001611BK	0.3	14	7.3±0.4	85
C0127115008001611BK	0.3	15	7.6±0.4	90
C0127116008001611BK	0.3	16	7.6±0.4	93
C0127117008001611BK	0.3	17	8±0.4	99
C0127118008001611BK	0.3	18	8±0.4	104
C0127119008001611BK	0.3	19	8.1±0.6	106
C0127120008001611BK	0.3	20	8.3±0.6	112
C0127121008001611BK	0.3	21	9±0.6	127
C0127122008001611BK	0.3	22	9±0.6	129
C0127123008001611BK	0.3	23	9.2±0.6	132
C0127124008001611BK	0.3	24	9.2±0.6	138
C0127125008001611BK	0.3	25	9.2±0.6	141
C0127126008001611BK	0.3	26	10±0.6	156
C0127127008001611BK	0.3	27	10.4±0.6	163
C0127128008001611BK	0.3	28	10.4±0.6	167
C0127129008001611BK	0.3	29	10.4±0.6	170
C0127130008001611BK	0.3	30	10.4±0.6	172
C0127131008001611BK	0.3	31	10.4±0.6	174
C0127132008001611BK	0.3	32	10.4±0.6	176
C0127133008001611BK	0.3	33	10.4±0.6	178
C0127134008001611BK	0.3	34	10.7±0.6	187
C0127135008001611BK	0.3	35	10.7±0.6	189
C0127136008001611BK	0.3	36	10.7±0.6	191
C0127137008001611BK	0.3	37	11.1±0.6	198
C0127102009001611BK	0.34	2	4.5±0.4	28
C0127103009001611BK	0.34	3	4.7±0.4	33
C0127104009001611BK	0.34	4	5±0.4	38
C0127105009001611BK	0.34	5	5.4±0.4	45
C0127106009001611BK	0.34	6	5.7±0.4	52
C0127107009001611BK	0.34	7	6.1±0.4	59
C0127108009001611BK	0.34	8	6.5±0.4	65

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127109009001611BK	0.34	9	6.9±0.4	73
C0127110009001611BK	0.34	10	7.3±0.4	82
C0127111009001611BK	0.34	11	7.2±0.4	82
C0127112009001611BK	0.34	12	7.2±0.4	84
C0127113009001611BK	0.34	13	7.5±0.4	91
C0127114009001611BK	0.34	14	7.5±0.4	93
C0127115009001611BK	0.34	15	7.8±0.4	98
C0127116009001611BK	0.34	16	7.8±0.4	102
C0127117009001611BK	0.34	17	8.2±0.6	108
C0127118009001611BK	0.34	18	8.2±0.6	113
C0127119009001611BK	0.34	19	8.4±0.6	118
C0127120009001611BK	0.34	20	8.6±0.6	124
C0127121009001611BK	0.34	21	9.3±0.6	139
C0127122009001611BK	0.34	22	9.3±0.6	142
C0127123009001611BK	0.34	23	9.5±0.6	146
C0127124009001611BK	0.34	24	9.5±0.6	152
C0127125009001611BK	0.34	25	9.5±0.6	156
C0127126009001611BK	0.34	26	10.4±0.6	173
C0127127009001611BK	0.34	27	10.7±0.6	178
C0127128009001611BK	0.34	28	10.7±0.6	182
C0127129009001611BK	0.34	29	10.7±0.6	186
C0127130009001611BK	0.34	30	10.7±0.6	189
C0127131009001611BK	0.34	31	10.7±0.6	191
C0127132009001611BK	0.34	32	10.7±0.6	194
C0127133009001611BK	0.34	33	10.7±0.6	196
C0127134009001611BK	0.34	34	11.1±0.6	208
C0127135009001611BK	0.34	35	11.1±0.6	210
C0127136009001611BK	0.34	36	11.1±0.6	212
C0127137009001611BK	0.34	37	11.5±0.6	220
C0127102011001611BK	0.4	2	4.7±0.4	31
C0127103011001611BK	0.4	3	4.9±0.4	36
C0127104011001611BK	0.4	4	5.2±0.4	43
C0127105011001611BK	0.4	5	5.6±0.4	50
C0127106011001611BK	0.4	6	6±0.4	58
C0127107011001611BK	0.4	7	6.4±0.4	67
C0127108011001611BK	0.4	8	6.8±0.4	73
C0127109011001611BK	0.4	9	7.3±0.4	83
C0127110011001611BK	0.4	10	7.7±0.4	93
C0127111011001611BK	0.4	11	7.6±0.4	93
C0127112011001611BK	0.4	12	7.6±0.4	95
C0127113011001611BK	0.4	13	7.9±0.4	103
C0127114011001611BK	0.4	14	7.9±0.4	106
C0127115011001611BK	0.4	15	8.3±0.6	113
C0127116011001611BK	0.4	16	8.3±0.6	117
C0127117011001611BK	0.4	17	8.7±0.6	124
C0127118011001611BK	0.4	18	8.7±0.6	130
C0127119011001611BK	0.4	19	8.9±0.6	135
C0127120011001611BK	0.4	20	9.1±0.6	141
C0127121011001611BK	0.4	21	10±0.6	162
C0127122011001611BK	0.4	22	10±0.6	165
C0127123011001611BK	0.4	23	10.3±0.6	172
C0127124011001611BK	0.4	24	10.3±0.6	179
C0127125011001611BK	0.4	25	10.3±0.6	183
C0127126011001611BK	0.4	26	11±0.6	197
C0127127011001611BK	0.4	27	11.4±0.6	204

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0127128011001611BK	0.4	28	11.4±0.6	209
C0127129011001611BK	0.4	29	11.4±0.6	213
C0127130011001611BK	0.4	30	11.4±0.6	217
C0127131011001611BK	0.4	31	11.4±0.6	220
C0127132011001611BK	0.4	32	11.4±0.6	223
C0127133011001611BK	0.4	33	11.4±0.6	225
C0127134011001611BK	0.4	34	12±0.6	243
C0127135011001611BK	0.4	35	12±0.6	246
C0127136011001611BK	0.4	36	12±0.6	249
C0127137011001611BK	0.4	37	12.4±0.6	256
C0127102012001611BK	0.5	2	4.9±0.4	35
C0127103012001611BK	0.5	3	5.1±0.4	41
C0127104012001611BK	0.5	4	5.5±0.4	49
C0127105012001611BK	0.5	5	5.9±0.4	57
C0127106012001611BK	0.5	6	6.4±0.4	68
C0127107012001611BK	0.5	7	6.8±0.4	77
C0127108012001611BK	0.5	8	7.2±0.4	84
C0127109012001611BK	0.5	9	7.7±0.4	95
C0127110012001611BK	0.5	10	8.2±0.6	107
C0127111012001611BK	0.5	11	8±0.4	106
C0127112012001611BK	0.5	12	8±0.4	108
C0127113012001611BK	0.5	13	8.4±0.6	119
C0127114012001611BK	0.5	14	8.4±0.6	122
C0127115012001611BK	0.5	15	8.8±0.6	130
C0127116012001611BK	0.5	16	8.8±0.6	135
C0127117012001611BK	0.5	17	9.3±0.6	144
C0127118012001611BK	0.5	18	9.3±0.6	151
C0127119012001611BK	0.5	19	9.5±0.6	158
C0127120012001611BK	0.5	20	9.7±0.6	165
C0127121012001611BK	0.5	21	10.7±0.6	189
C0127122012001611BK	0.5	22	10.7±0.6	193
C0127123012001611BK	0.5	23	11±0.6	200
C0127124012001611BK	0.5	24	11±0.6	209
C0127125012001611BK	0.5	25	11±0.6	213
C0127126012001611BK	0.5	26	11.9±0.6	233
C0127127012001611BK	0.5	27	12.3±0.6	241
C0127128012001611BK	0.5	28	12.3±0.6	247
C0127129012001611BK	0.5	29	12.3±0.6	252
C0127130012001611BK	0.5	30	12.3±0.6	256
C0127131012001611BK	0.5	31	12.3±0.6	260
C0127132012001611BK	0.5	32	12.3±0.6	263
C0127133012001611BK	0.5	33	12.3±0.6	267
C0127134012001611BK	0.5	34	12.8±0.6	283
C0127135012001611BK	0.5	35	12.8±0.6	287
C0127136012001611BK	0.5	36	12.8±0.6	290
C0127137012001611BK	0.5	37	13.2±0.6	298
C0137102013001611BK	0.75	2	5.4±0.4	45
C0137103013001611BK	0.75	3	5.7±0.4	54
C0137104013001611BK	0.75	4	6.1±0.4	64
C0137105013001611BK	0.75	5	6.6±0.4	76
C0137106013001611BK	0.75	6	7.1±0.4	89
C0137107013001611BK	0.75	7	7.6±0.4	102
C0137108013001611BK	0.75	8	8.1±0.6	112
C0137109013001611BK	0.75	9	8.7±0.6	128
C0137110013001611BK	0.75	10	9.2±0.6	143

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0137111013001611BK	0.75	11	9.1±0.6	145
C0137112013001611BK	0.75	12	9.1±0.6	148
C0137113013001611BK	0.75	13	9.5±0.6	161
C0137114013001611BK	0.75	14	9.5±0.6	166
C0137115013001611BK	0.75	15	10.2±0.6	182
C0137116013001611BK	0.75	16	10.2±0.6	189
C0137117013001611BK	0.75	17	10.7±0.6	200
C0137118013001611BK	0.75	18	10.7±0.6	210
C0137119013001611BK	0.75	19	11±0.6	220
C0137120013001611BK	0.75	20	11.2±0.6	230
C0137121013001611BK	0.75	21	12.3±0.6	262
C0137122013001611BK	0.75	22	12.3±0.6	267
C0137123013001611BK	0.75	23	12.7±0.6	278
C0137124013001611BK	0.75	24	12.7±0.6	290
C0137125013001611BK	0.75	25	12.7±0.6	297
C0137126013001611BK	0.75	26	13.5±0.6	317
C0137127013001611BK	0.75	27	14.2±0.8	335
C0137128013001611BK	0.75	28	14.2±0.8	344
C0137129013001611BK	0.75	29	14.2±0.8	351
C0137130013001611BK	0.75	30	14.2±0.8	357
C0137131013001611BK	0.75	31	14.2±0.8	362
C0137132013001611BK	0.75	32	14.2±0.8	367
C0137133013001611BK	0.75	33	14.2±0.8	372
C0137134013001611BK	0.75	34	14.7±0.8	392
C0137135013001611BK	0.75	35	14.7±0.8	397
C0137136013001611BK	0.75	36	14.7±0.8	402
C0137137013001611BK	0.75	37	15.2±0.8	414
C0137102014001611BK	1	2	6.8±0.4	70
C0137103014001611BK	1	3	7.2±0.4	85
C0137104014001611BK	1	4	7.8±0.4	103
C0137105014001611BK	1	5	8.5±0.6	124
C0137106014001611BK	1	6	9.2±0.6	146
C0137107014001611BK	1	7	10.1±0.6	168
C0137108014001611BK	1	8	10.8±0.6	182
C0137109014001611BK	1	9	11.6±0.6	205
C0137110014001611BK	1	10	12.5±0.6	229
C0137111014001611BK	1	11	12.5±0.6	253
C0137112014001611BK	1	12	12.5±0.6	259
C0137113014001611BK	1	13	13.2±0.6	287
C0137114014001611BK	1	14	13.2±0.6	295
C0137115014001611BK	1	15	14±0.6	326
C0137116014001611BK	1	16	14±0.6	331
C0137117014001611BK	1	17	14.8±0.8	354
C0137118014001611BK	1	18	14.8±0.8	372
C0137119014001611BK	1	19	15.1±0.8	385
C0137120014001611BK	1	20	15.5±0.8	406
C0137102015001611BK	1.25	2	7.2±0.4	81
C0137103015001611BK	1.25	3	7.6±0.4	98
C0137104015001611BK	1.25	4	8.3±0.6	121
C0137105015001611BK	1.25	5	9±0.6	144
C0137106015001611BK	1.25	6	10±0.6	175
C0137107015001611BK	1.25	7	10.8±0.6	198
C0137108015001611BK	1.25	8	11.5±0.6	220
C0137109015001611BK	1.25	9	12.6±0.6	253
C0137110015001611BK	1.25	10	13.4±0.6	280

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0137111015001611BK	1.25	11	13.4±0.6	299
C0137112015001611BK	1.25	12	13.4±0.6	308
C0137113015001611BK	1.25	13	14.3±0.8	345
C0137114015001611BK	1.25	14	14.3±0.8	356
C0137115015001611BK	1.25	15	15±0.8	387
C0137116015001611BK	1.25	16	15±0.8	394
C0137117015001611BK	1.25	17	16±0.8	425
C0137118015001611BK	1.25	18	16±0.8	446
C0137119015001611BK	1.25	19	16.2±0.8	459
C0137120015001611BK	1.25	20	16.5±0.8	478
C0137102016001611BK	1.5	2	7.6±0.4	93
C0137103016001611BK	1.5	3	8±0.4	113
C0137104016001611BK	1.5	4	8.8±0.6	140
C0137105016001611BK	1.5	5	9.6±0.6	169
C0137106016001611BK	1.5	6	10.6±0.6	204
C0137107016001611BK	1.5	7	11.4±0.6	230
C0137108016001611BK	1.5	8	12.5±0.6	265
C0137109016001611BK	1.5	9	13.4±0.6	303
C0137110016001611BK	1.5	10	14.5±0.8	342
C0137111016001611BK	1.5	11	14.4±0.8	353
C0137112016001611BK	1.5	12	14.4±0.8	361
C0137113016001611BK	1.5	13	15.2±0.8	401
C0137114016001611BK	1.5	14	15.2±0.8	411
C0137115016001611BK	1.5	15	16.2±0.8	458
C0137116016001611BK	1.5	16	16.2±0.8	465
C0137117016001611BK	1.5	17	16.8±0.8	483
C0137118016001611BK	1.5	18	16.8±0.8	510
C0137119016001611BK	1.5	19	17.2±0.8	531
C0137120016001611BK	1.5	20	17.6±0.8	557
C0137102017001411BK	2	2	9.1±0.6	136
C0137103017001411BK	2	3	9.6±0.6	164
C0137104017001411BK	2	4	10.7±0.6	206
C0137105017001411BK	2	5	11.9±0.6	252
C0137106017001411BK	2	6	13±0.6	298
C0137107017001411BK	2	7	14.3±0.8	331
C0137108017001411BK	2	8	15.3±0.8	384
C0137109017001411BK	2	9	16.4±0.8	438
C0137110017001411BK	2	10	17.6±0.8	500
C0137102018001411BK	2.5	2	9.7±0.6	159
C0137103018001411BK	2.5	3	10.5±0.6	199
C0137104018001411BK	2.5	4	11.6±0.6	247

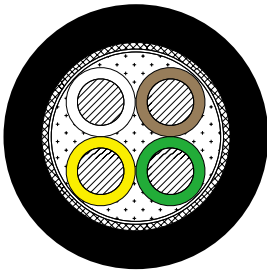
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0137105018001411BK	2.5	5	12.9±0.6	302
C0137106018001411BK	2.5	6	14.2±0.8	362
C0137107018001411BK	2.5	7	15.4±0.8	393
C0137108018001411BK	2.5	8	16.5±0.8	459
C0137109018001411BK	2.5	9	17.8±0.8	526
C0137110018001411BK	2.5	10	19.2±0.8	606
C0136102019001411BK	4	2	11.3±0.6	224
C0136103019001411BK	4	3	12.2±0.6	281
C0136104019001411BK	4	4	13.4±0.6	348
C0136105019001411BK	4	5	14.9±0.8	426
C0136106019001411BK	4	6	16.3±0.8	483
C0136107019001411BK	4	7	17.7±0.8	551
C0136108019001411BK	4	8	19.2±0.8	653
C0136109019001411BK	4	9	20.9±1	697
C0136110019001411BK	4	10	22.3±1	761
C0136102020001411BK	6	2	13±0.6	307
C0136103020001411BK	6	3	14±0.6	387
C0136104020001411BK	6	4	15.4±0.8	481
C0136105020001411BK	6	5	16.9±0.8	581
C0136106020001411BK	6	6	18.7±0.8	668
C0136107020001411BK	6	7	20.3±1	763
C0136108020001411BK	6	8	22±1	901
C0136109020001411BK	6	9	23.9±1	960
C0136110020001411BK	6	10	25.8±1.2	1065
C0136102021001411BK	10	2	16±0.8	465
C0136103021001411BK	10	3	16.8±0.8	569
C0136104021001411BK	10	4	18.8±0.8	722
C0136105021001411BK	10	5	20.8±1	855
C0136102022001411BK	16	2	18.2±0.8	646
C0136103022001411BK	16	3	19.6±0.8	822
C0136104022001411BK	16	4	21.9±1	1042
C0136105022001411BK	16	5	24.3±1	1240
C0136102023001411BK	25	2	22.4±1	985
C0136103023001411BK	25	3	24.1±1	1252
C0136104023001411BK	25	4	26.9±1.2	1587
C0136105023001411BK	25	5	30±1.2	1897
C0136102024001411BK	35	2	25.5±1.2	1315
C0136103024001411BK	35	3	27.2±1.2	1668
C0136104024001411BK	35	4	30.5±1.4	2104
C0136105024001411BK	35	5	33.8±1.4	2531

TRVVP - Moderate flexible drag chain shielded cable



cross section



Highlights

- Moderate flexible drag chain cable
- The outer sheath material is flexible and durable
- Anti-ultraviolet、excellent weatherability、cold and oil resistance
- Withstands high mechanical stresses
- Braid shielded of copper against EMC interference

Application Range

- Suitable for installation under successive reciprocating motion, especially in frequent bending situations in industrial environments.
- Places that require shielding in indoor and outdoor environments such as modern mechanical standard components in drag chains, logistics systems, control systems, mechanical automation systems, CNC machine tools, electronic equipment, hardware stamping, injection molding machines, mechanical (manual) hands, construction machinery, automotive manufacturing, heavy transportation equipment, automated warehouses, docks, fire trucks, etc.

Standards/Certification

- conform to UL Standards : E531888-UL-758 (Optional) CCC5023&8734 (Optional)

Product Structure

- Conductor: extra fine wire strands of tinned bare copper
- Insulation: Special elastic material insulation
- Braiding: Tinned copper braiding shielding enhances anti-interference
- Outer sheath: Special NBR (nitrile rubber) mixture sheath
- Reference standards: UL758, TUV, enterprise standards
- Core and outer sheath colors: per custome' s request
- Core and outer sheath materials: per customer' s request

Properties

- Flexing properties: Travel length: acceleration 20m/S²
- Bending cycle: 60 times/min/m, >7 million times
- Features: Waterproofing, oil-resistant, UV-resistant, cold-resistant, and withstands mechanical external forces. Good electromagnetic characteristics (anti-interference)

Technical Data



Core identification code

- with up to 5mm²: acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Rated Voltage

- U0/U ≤ 0.5mm² : 300/300V
- > 0.5mm² : 300/500V



Minimum bending radius

- Flexing: 5D(Cable O.D.)
- Fixed installation: 8D(Cable O.D.)



Temperature Range

- Flexing: -10° C ~ +70° C
- Fixed installation: -5° C ~ +70° C



Flammability

- Flame retardant acc. to GB/T18380
- VW-1 (optional)



Good chemical resistance

- Good oil resistance,
- cold resistance,
- acid and alkali solvent resistance, etc

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227102002031611BK	0.1	2	4.4±0.4	24
C0227103002031611BK	0.1	3	4.5±0.4	26
C0227104002031611BK	0.1	4	4.8±0.4	30
C0227105002031611BK	0.1	5	5±0.4	33
C0227106002031611BK	0.1	6	5.3±0.4	37
C0227107002031611BK	0.1	7	5.6±0.4	42
C0227108002031611BK	0.1	8	5.9±0.4	45
C0227109002031611BK	0.1	9	6.2±0.4	49
C0227110002031611BK	0.1	10	6.4±0.4	54
C0227111002031611BK	0.1	11	6.4±0.4	53
C0227112002031611BK	0.1	12	6.4±0.4	53

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227113002031611BK	0.1	13	6.6±0.4	57
C0227114002031611BK	0.1	14	6.6±0.4	58
C0227115002031611BK	0.1	15	6.9±0.4	61
C0227116002031611BK	0.1	16	6.9±0.4	63
C0227117002031611BK	0.1	17	7.1±0.4	66
C0227118002031611BK	0.1	18	7.1±0.4	68
C0227119002031611BK	0.1	19	7.3±0.4	71
C0227120002031611BK	0.1	20	7.4±0.4	73
C0227121002031611BK	0.1	21	8±0.4	82
C0227122002031611BK	0.1	22	8±0.4	82
C0227123002031611BK	0.1	23	8.2±0.6	85

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227124002031611BK	0.1	24	8.2±0.6	88
C0227125002031611BK	0.1	25	8.2±0.6	90
C0227126002031611BK	0.1	26	8.6±0.6	95
C0227127002031611BK	0.1	27	8.9±0.6	99
C0227128002031611BK	0.1	28	8.9±0.6	101
C0227129002031611BK	0.1	29	8.9±0.6	102
C0227130002031611BK	0.1	30	8.9±0.6	103
C0227131002031611BK	0.1	31	8.9±0.6	104
C0227132002031611BK	0.1	32	8.9±0.6	104
C0227133002031611BK	0.1	33	8.9±0.6	105
C0227134002031611BK	0.1	34	9.2±0.6	111
C0227135002031611BK	0.1	35	9.2±0.6	112
C0227136002031611BK	0.1	36	9.2±0.6	112
C0227137002031611BK	0.1	37	9.4±0.6	115
C0227102004031611BK	0.14	2	4.5±0.4	25
C0227103004031611BK	0.14	3	4.7±0.4	28
C0227104004031611BK	0.14	4	4.9±0.4	32
C0227105004031611BK	0.14	5	5.2±0.4	36
C0227106004031611BK	0.14	6	5.5±0.4	41
C0227107004031611BK	0.14	7	5.8±0.4	46
C0227108004031611BK	0.14	8	6.1±0.4	50
C0227109004031611BK	0.14	9	6.4±0.4	55
C0227110004031611BK	0.14	10	6.7±0.4	61
C0227111004031611BK	0.14	11	6.6±0.4	59
C0227112004031611BK	0.14	12	6.6±0.4	59
C0227113004031611BK	0.14	13	6.9±0.4	65
C0227114004031611BK	0.14	14	6.9±0.4	65
C0227115004031611BK	0.14	15	7.1±0.4	68
C0227116004031611BK	0.14	16	7.1±0.4	71
C0227117004031611BK	0.14	17	7.4±0.4	75
C0227118004031611BK	0.14	18	7.4±0.4	77
C0227119004031611BK	0.14	19	7.6±0.4	80
C0227120004031611BK	0.14	20	7.7±0.4	83
C0227121004031611BK	0.14	21	8.3±0.6	92
C0227122004031611BK	0.14	22	8.3±0.6	93
C0227123004031611BK	0.14	23	8.5±0.6	97
C0227124004031611BK	0.14	24	8.5±0.6	100
C0227125004031611BK	0.14	25	8.5±0.6	102
C0227126004031611BK	0.14	26	9±0.6	109
C0227127004031611BK	0.14	27	9.3±0.6	113
C0227128004031611BK	0.14	28	9.3±0.6	115
C0227129004031611BK	0.14	29	9.3±0.6	117
C0227130004031611BK	0.14	30	9.3±0.6	118
C0227131004031611BK	0.14	31	9.3±0.6	119
C0227132004031611BK	0.14	32	9.3±0.6	119
C0227133004031611BK	0.14	33	9.3±0.6	120
C0227134004031611BK	0.14	34	9.6±0.6	127
C0227135004031611BK	0.14	35	9.6±0.6	128
C0227136004031611BK	0.14	36	9.6±0.6	129
C0227137004031611BK	0.14	37	10.1±0.6	137
C0227102005031611BK	0.2	2	4.7±0.4	28
C0227103005031611BK	0.2	3	4.9±0.4	32
C0227104005031611BK	0.2	4	5.2±0.4	37
C0227105005031611BK	0.2	5	5.5±0.4	42
C0227106005031611BK	0.2	6	5.8±0.4	48

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227107005031611BK	0.2	7	6.1±0.4	53
C0227108005031611BK	0.2	8	6.4±0.4	58
C0227109005031611BK	0.2	9	6.8±0.4	64
C0227110005031611BK	0.2	10	7.1±0.4	71
C0227111005031611BK	0.2	11	7±0.4	70
C0227112005031611BK	0.2	12	7±0.4	70
C0227113005031611BK	0.2	13	7.3±0.4	77
C0227114005031611BK	0.2	14	7.3±0.4	78
C0227115005031611BK	0.2	15	7.6±0.4	82
C0227116005031611BK	0.2	16	7.6±0.4	85
C0227117005031611BK	0.2	17	7.9±0.4	90
C0227118005031611BK	0.2	18	7.9±0.4	93
C0227119005031611BK	0.2	19	8.1±0.6	97
C0227120005031611BK	0.2	20	8.3±0.6	101
C0227121005031611BK	0.2	21	8.9±0.6	112
C0227122005031611BK	0.2	22	8.9±0.6	113
C0227123005031611BK	0.2	23	9.1±0.6	117
C0227124005031611BK	0.2	24	9.1±0.6	121
C0227125005031611BK	0.2	25	9.1±0.6	124
C0227126005031611BK	0.2	26	9.7±0.6	133
C0227127005031611BK	0.2	27	10.2±0.6	142
C0227128005031611BK	0.2	28	10.2±0.6	144
C0227129005031611BK	0.2	29	10.2±0.6	147
C0227130005031611BK	0.2	30	10.2±0.6	148
C0227131005031611BK	0.2	31	10.2±0.6	150
C0227132005031611BK	0.2	32	10.2±0.6	151
C0227133005031611BK	0.2	33	10.2±0.6	152
C0227134005031611BK	0.2	34	10.6±0.6	165
C0227135005031611BK	0.2	35	10.6±0.6	166
C0227136005031611BK	0.2	36	10.6±0.6	167
C0227137005031611BK	0.2	37	10.9±0.6	172
C0227102007031611BK	0.25	2	4.8±0.4	30
C0227103007031611BK	0.25	3	5±0.4	34
C0227104007031611BK	0.25	4	5.3±0.4	40
C0227105007031611BK	0.25	5	5.6±0.4	46
C0227106007031611BK	0.25	6	6±0.4	52
C0227107007031611BK	0.25	7	6.3±0.4	58
C0227108007031611BK	0.25	8	6.7±0.4	64
C0227109007031611BK	0.25	9	7±0.4	71
C0227110007031611BK	0.25	10	7.4±0.4	79
C0227111007031611BK	0.25	11	7.3±0.4	77
C0227112007031611BK	0.25	12	7.3±0.4	78
C0227113007031611BK	0.25	13	7.6±0.4	85
C0227114007031611BK	0.25	14	7.6±0.4	87
C0227115007031611BK	0.25	15	7.9±0.4	92
C0227116007031611BK	0.25	16	7.9±0.4	95
C0227117007031611BK	0.25	17	8.2±0.6	100
C0227118007031611BK	0.25	18	8.2±0.6	104
C0227119007031611BK	0.25	19	8.4±0.6	109
C0227120007031611BK	0.25	20	8.6±0.6	113
C0227121007031611BK	0.25	21	9.2±0.6	124
C0227122007031611BK	0.25	22	9.2±0.6	126
C0227123007031611BK	0.25	23	9.5±0.6	131
C0227124007031611BK	0.25	24	9.5±0.6	136
C0227125007031611BK	0.25	25	9.5±0.6	139

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227126007031611BK	0.25	26	10.3±0.6	153
C0227127007031611BK	0.25	27	10.7±0.6	163
C0227128007031611BK	0.25	28	10.7±0.6	166
C0227129007031611BK	0.25	29	10.7±0.6	169
C0227130007031611BK	0.25	30	10.7±0.6	171
C0227131007031611BK	0.25	31	10.7±0.6	172
C0227132007031611BK	0.25	32	10.7±0.6	174
C0227133007031611BK	0.25	33	10.7±0.6	176
C0227134007031611BK	0.25	34	11±0.6	185
C0227135007031611BK	0.25	35	11±0.6	187
C0227136007031611BK	0.25	36	11±0.6	188
C0227137007031611BK	0.25	37	11.4±0.6	195
C0227102008031611BK	0.3	2	5±0.4	33
C0227103008031611BK	0.3	3	5.1±0.4	37
C0227104008031611BK	0.3	4	5.5±0.4	43
C0227105008031611BK	0.3	5	5.8±0.4	50
C0227106008031611BK	0.3	6	6.2±0.4	57
C0227107008031611BK	0.3	7	6.5±0.4	64
C0227108008031611BK	0.3	8	6.9±0.4	70
C0227109008031611BK	0.3	9	7.2±0.4	77
C0227110008031611BK	0.3	10	7.6±0.4	86
C0227111008031611BK	0.3	11	7.5±0.4	85
C0227112008031611BK	0.3	12	7.5±0.4	86
C0227113008031611BK	0.3	13	7.8±0.4	94
C0227114008031611BK	0.3	14	7.8±0.4	96
C0227115008031611BK	0.3	15	8.2±0.6	102
C0227116008031611BK	0.3	16	8.2±0.6	105
C0227117008031611BK	0.3	17	8.5±0.6	111
C0227118008031611BK	0.3	18	8.5±0.6	116
C0227119008031611BK	0.3	19	8.7±0.6	121
C0227120008031611BK	0.3	20	8.9±0.6	126
C0227121008031611BK	0.3	21	9.6±0.6	139
C0227122008031611BK	0.3	22	9.6±0.6	141
C0227123008031611BK	0.3	23	10±0.6	150
C0227124008031611BK	0.3	24	10±0.6	156
C0227125008031611BK	0.3	25	10±0.6	159
C0227126008031611BK	0.3	26	10.7±0.6	174
C0227127008031611BK	0.3	27	11.1±0.6	181
C0227128008031611BK	0.3	28	11.1±0.6	185
C0227129008031611BK	0.3	29	11.1±0.6	188
C0227130008031611BK	0.3	30	11.1±0.6	190
C0227131008031611BK	0.3	31	11.1±0.6	192
C0227132008031611BK	0.3	32	11.1±0.6	194
C0227133008031611BK	0.3	33	11.1±0.6	196
C0227134008031611BK	0.3	34	11.4±0.6	207
C0227135008031611BK	0.3	35	11.4±0.6	209
C0227136008031611BK	0.3	36	11.4±0.6	210
C0227137008031611BK	0.3	37	12±0.6	222
C0227102009031611BK	0.34	2	5.1±0.4	34
C0227103009031611BK	0.34	3	5.3±0.4	40
C0227104009031611BK	0.34	4	5.6±0.4	46
C0227105009031611BK	0.34	5	5.9±0.4	53
C0227106009031611BK	0.34	6	6.3±0.4	61
C0227107009031611BK	0.34	7	6.7±0.4	69
C0227108009031611BK	0.34	8	7±0.4	74

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227109009031611BK	0.34	9	7.4±0.4	83
C0227110009031611BK	0.34	10	7.8±0.4	93
C0227111009031611BK	0.34	11	7.7±0.4	92
C0227112009031611BK	0.34	12	7.7±0.4	94
C0227113009031611BK	0.34	13	8.1±0.6	102
C0227114009031611BK	0.34	14	8.1±0.6	105
C0227115009031611BK	0.34	15	8.4±0.6	110
C0227116009031611BK	0.34	16	8.4±0.6	115
C0227117009031611BK	0.34	17	8.8±0.6	122
C0227118009031611BK	0.34	18	8.8±0.6	127
C0227119009031611BK	0.34	19	9±0.6	132
C0227120009031611BK	0.34	20	9.2±0.6	138
C0227121009031611BK	0.34	21	10.1±0.6	156
C0227122009031611BK	0.34	22	10.1±0.6	158
C0227123009031611BK	0.34	23	10.3±0.6	164
C0227124009031611BK	0.34	24	10.3±0.6	170
C0227125009031611BK	0.34	25	10.3±0.6	174
C0227126009031611BK	0.34	26	11.1±0.6	191
C0227127009031611BK	0.34	27	11.4±0.6	197
C0227128009031611BK	0.34	28	11.4±0.6	201
C0227129009031611BK	0.34	29	11.4±0.6	206
C0227130009031611BK	0.34	30	11.4±0.6	208
C0227131009031611BK	0.34	31	11.4±0.6	210
C0227132009031611BK	0.34	32	11.4±0.6	213
C0227133009031611BK	0.34	33	11.4±0.6	215
C0227134009031611BK	0.34	34	12±0.6	232
C0227135009031611BK	0.34	35	12±0.6	234
C0227136009031611BK	0.34	36	12±0.6	237
C0227137009031611BK	0.34	37	12.3±0.6	239
C0227102011031611BK	0.4	2	5.3±0.4	37
C0227103011031611BK	0.4	3	5.5±0.4	43
C0227104011031611BK	0.4	4	5.8±0.4	50
C0227105011031611BK	0.4	5	6.2±0.4	59
C0227106011031611BK	0.4	6	6.6±0.4	68
C0227107011031611BK	0.4	7	7±0.4	77
C0227108011031611BK	0.4	8	7.4±0.4	84
C0227109011031611BK	0.4	9	7.8±0.4	94
C0227110011031611BK	0.4	10	8.3±0.6	105
C0227111011031611BK	0.4	11	8.2±0.6	104
C0227112011031611BK	0.4	12	8.2±0.6	106
C0227113011031611BK	0.4	13	8.5±0.6	115
C0227114011031611BK	0.4	14	8.5±0.6	118
C0227115011031611BK	0.4	15	8.9±0.6	125
C0227116011031611BK	0.4	16	8.9±0.6	130
C0227117011031611BK	0.4	17	9.3±0.6	137
C0227118011031611BK	0.4	18	9.3±0.6	143
C0227119011031611BK	0.4	19	9.5±0.6	150
C0227120011031611BK	0.4	20	9.7±0.6	156
C0227121011031611BK	0.4	21	10.7±0.6	180
C0227122011031611BK	0.4	22	10.7±0.6	183
C0227123011031611BK	0.4	23	11±0.6	190
C0227124011031611BK	0.4	24	11±0.6	197
C0227125011031611BK	0.4	25	11±0.6	202
C0227126011031611BK	0.4	26	11.9±0.6	220
C0227127011031611BK	0.4	27	12.2±0.6	224

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0227128011031611BK	0.4	28	12.2±0.6	229
C0227129011031611BK	0.4	29	12.2±0.6	234
C0227130011031611BK	0.34	30	12.2±0.6	236
C0227131011031611BK	0.34	31	12.2±0.6	239
C0227132011031611BK	0.34	32	12.2±0.6	242
C0227133011031611BK	0.34	33	12.2±0.6	245
C0227134011031611BK	0.34	34	12.6±0.6	258
C0227135011031611BK	0.34	35	12.6±0.6	261
C0227136011031611BK	0.34	36	12.6±0.6	264
C0227137011031611BK	0.34	37	13±0.6	272
C0227102012031611BK	0.5	2	5.5±0.4	41
C0227103012031611BK	0.5	3	5.7±0.4	48
C0227104012031611BK	0.5	4	6.1±0.4	57
C0227105012031611BK	0.5	5	6.5±0.4	66
C0227106012031611BK	0.5	6	6.9±0.4	76
C0227107012031611BK	0.5	7	7.4±0.4	87
C0227108012031611BK	0.5	8	7.8±0.4	95
C0227109012031611BK	0.5	9	8.3±0.6	107
C0227110012031611BK	0.5	10	8.7±0.6	119
C0227111012031611BK	0.5	11	8.6±0.6	118
C0227112012031611BK	0.5	12	8.6±0.6	120
C0227113012031611BK	0.5	13	9±0.6	132
C0227114012031611BK	0.5	14	9±0.6	135
C0227115012031611BK	0.5	15	9.4±0.6	143
C0227116012031611BK	0.5	16	9.4±0.6	149
C0227117012031611BK	0.5	17	10±0.6	162
C0227118012031611BK	0.5	18	10±0.6	169
C0227119012031611BK	0.5	19	10.4±0.6	181
C0227120012031611BK	0.5	20	10.6±0.6	188
C0227121012031611BK	0.5	21	11.4±0.6	206
C0227122012031611BK	0.5	22	11.4±0.6	210
C0227123012031611BK	0.5	23	11.9±0.6	223
C0227124012031611BK	0.5	24	11.9±0.6	232
C0227125012031611BK	0.5	25	11.9±0.6	238
C0227126012031611BK	0.5	26	12.5±0.6	248
C0227127012031611BK	0.5	27	12.9±0.6	257
C0227128012031611BK	0.5	28	12.9±0.6	262
C0227129012031611BK	0.5	29	12.9±0.6	268
C0227130012031611BK	0.5	30	12.9±0.6	271
C0227131012031611BK	0.5	31	12.9±0.6	275
C0227132012031611BK	0.5	32	12.9±0.6	278
C0227133012031611BK	0.5	33	12.9±0.6	282
C0227134012031611BK	0.5	34	13.4±0.6	298
C0227135012031611BK	0.5	35	13.4±0.6	301
C0227136012031611BK	0.5	36	13.4±0.6	305
C0227137012031611BK	0.5	37	14±0.6	320
C0237102013031611BK	0.75	2	6±0.4	50
C0237103013031611BK	0.75	3	6.2±0.4	60
C0237104013031611BK	0.75	4	6.7±0.4	72
C0237105013031611BK	0.75	5	7.2±0.4	85
C0237106013031611BK	0.75	6	7.7±0.4	99
C0237107013031611BK	0.75	7	8.2±0.6	113
C0237108013031611BK	0.75	8	8.7±0.6	124
C0237109013031611BK	0.75	9	9.2±0.6	139
C0237110013031611BK	0.75	10	10±0.6	161

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0237111013031611BK	0.75	11	9.6±0.6	155
C0237112013031611BK	0.75	12	9.6±0.6	159
C0237113013031611BK	0.75	13	10.4±0.6	183
C0237114013031611BK	0.75	14	10.4±0.6	188
C0237115013031611BK	0.75	15	10.9±0.6	199
C0237116013031611BK	0.75	16	10.9±0.6	208
C0237117013031611BK	0.75	17	11.4±0.6	220
C0237118013031611BK	0.75	18	11.4±0.6	230
C0237119013031611BK	0.75	19	11.6±0.6	240
C0237120013031611BK	0.75	20	12±0.6	251
C0237121013031611BK	0.75	21	12.9±0.6	275
C0237122013031611BK	0.75	22	12.9±0.6	280
C0237123013031611BK	0.75	23	13.3±0.6	291
C0237124013031611BK	0.75	24	13.3±0.6	303
C0237125013031611BK	0.75	25	13.3±0.6	312
C0237126013031611BK	0.75	26	14.3±0.8	338
C0237127013031611BK	0.75	27	14.9±0.8	356
C0237128013031611BK	0.75	28	14.9±0.8	365
C0237129013031611BK	0.75	29	14.9±0.8	373
C0237130013031611BK	0.75	30	14.9±0.8	378
C0237131013031611BK	0.75	31	14.9±0.8	383
C0237132013031611BK	0.75	32	14.9±0.8	388
C0237133013031611BK	0.75	33	14.9±0.8	393
C0237134013031611BK	0.75	34	15.4±0.8	415
C0237135013031611BK	0.75	35	15.4±0.8	420
C0237136013031611BK	0.75	36	15.4±0.8	425
C0237137013031611BK	0.75	37	16.1±0.8	444
C0237102014031611BK	1	2	7.4±0.4	73
C0237103014031611BK	1	3	7.7±0.4	89
C0237104014031611BK	1	4	8.4±0.6	109
C0237105014031611BK	1	5	9±0.6	129
C0237106014031611BK	1	6	10±0.6	156
C0237107014031611BK	1	7	10.8±0.6	183
C0237108014031611BK	1	8	11.5±0.6	201
C0237109014031611BK	1	9	12.4±0.6	227
C0237110014031611BK	1	10	13.1±0.6	253
C0237111014031611BK	1	11	12.9±0.6	255
C0237112014031611BK	1	12	12.9±0.6	264
C0237113014031611BK	1	13	13.5±0.6	288
C0237114014031611BK	1	14	13.5±0.6	298
C0237115014031611BK	1	15	14.5±0.8	329
C0237116014031611BK	1	16	14.5±0.8	344
C0237117014031611BK	1	17	15.2±0.8	364
C0237118014031611BK	1	18	15.2±0.8	381
C0237119014031611BK	1	19	15.8±0.8	406
C0237120014031611BK	1	20	16.2±0.8	424
C0237102015031611BK	1.25	2	7.8±0.4	82
C0237103015031611BK	1.25	3	8.2±0.6	102
C0237104015031611BK	1.25	4	8.9±0.6	125
C0237105015031611BK	1.25	5	9.6±0.6	150
C0237106015031611BK	1.25	6	10.7±0.6	185
C0237107015031611BK	1.25	7	11.4±0.6	212
C0237108015031611BK	1.25	8	12.3±0.6	234
C0237109015031611BK	1.25	9	13.1±0.6	264
C0237110015031611BK	1.25	10	14.2±0.8	302

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0237111015031611BK	1.25	11	13.9±0.6	305
C0237112015031611BK	1.25	12	13.9±0.6	315
C0237113015031611BK	1.25	13	14.7±0.8	350
C0237114015031611BK	1.25	14	14.7±0.8	363
C0237115015031611BK	1.25	15	15.5±0.8	386
C0237116015031611BK	1.25	16	15.5±0.8	404
C0237117015031611BK	1.25	17	16.2±0.8	428
C0237118015031611BK	1.25	18	16.2±0.8	448
C0237119015031611BK	1.25	19	16.6±0.8	470
C0237120015031611BK	1.25	20	17.1±0.8	501
C0237102016031611BK	1.5	2	8.2±0.6	93
C0237103016031611BK	1.5	3	8.6±0.6	116
C0237104016031611BK	1.5	4	9.4±0.6	143
C0237105016031611BK	1.5	5	10.4±0.6	181
C0237106016031611BK	1.5	6	11.2±0.6	208
C0237107016031611BK	1.5	7	12.2±0.6	245
C0237108016031611BK	1.5	8	13.1±0.6	270
C0237109016031611BK	1.5	9	14.3±0.8	317
C0237110016031611BK	1.5	10	15.2±0.8	356
C0237111016031611BK	1.5	11	14.9±0.8	358
C0237112016031611BK	1.5	12	14.9±0.8	369
C0237113016031611BK	1.5	13	15.9±0.8	411
C0237114016031611BK	1.5	14	15.9±0.8	425
C0237115016031611BK	1.5	15	16.5±0.8	453
C0237116016031611BK	1.5	16	16.5±0.8	475
C0237117016031611BK	1.5	17	17.4±0.8	504
C0237118016031611BK	1.5	18	17.4±0.8	528
C0237119016031611BK	1.5	19	17.8±0.8	553
C0237120016031611BK	1.5	20	18.2±0.8	578
C0237102017031411BK	2	2	9.6±0.6	128
C0237103017031411BK	2	3	10.5±0.6	170
C0237104017031411BK	2	4	11.4±0.6	211
C0237105017031411BK	2	5	12.5±0.6	254
C0237106017031411BK	2	6	13.6±0.6	301
C0237107017031411BK	2	7	14.9±0.8	339
C0237108017031411BK	2	8	16.2±0.8	404
C0237109017031411BK	2	9	17.2±0.8	463
C0237110017031411BK	2	10	18.6±0.8	533
C0237102018031411BK	2.5	2	10.6±0.6	158
C0237103018031411BK	2.5	3	11.2±0.6	199
C0237104018031411BK	2.5	4	12.4±0.6	249

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0237105018031411BK	2.5	5	13.4±0.6	299
C0237106018031411BK	2.5	6	14.9±0.8	368
C0237107018031411BK	2.5	7	16.3±0.8	408
C0237108018031411BK	2.5	8	17.3±0.8	480
C0237109018031411BK	2.5	9	18.8±0.8	555
C0237110018031411BK	2.5	10	20±0.8	631
C0236102019031411BK	4	2	12.1±0.6	211
C0236103019031411BK	4	3	12.8±0.6	269
C0236104019031411BK	4	4	14.2±0.8	345
C0236105019031411BK	4	5	15.8±0.8	431
C0236106019031411BK	4	6	17.1±0.8	493
C0236107019031411BK	4	7	18.6±0.8	570
C0236108019031411BK	4	8	20±0.8	669
C0236109019031411BK	4	9	21.9±1	737
C0236110019031411BK	4	10	23.5±1	817
C0236102020031411BK	6	2	13.6±0.6	276
C0236103020031411BK	6	3	14.7±0.8	370
C0236104020031411BK	6	4	16.3±0.8	475
C0236105020031411BK	6	5	17.7±0.8	581
C0236106020031411BK	6	6	19.5±0.8	670
C0236107020031411BK	6	7	21.4±1	798
C0236108020031411BK	6	8	23.2±1	945
C0236109020031411BK	6	9	24.9±1	998
C0236110020031411BK	6	10	26.8±1.2	1108
C0236102021031411BK	10	2	16.5±0.8	408
C0236103021031411BK	10	3	17.6±0.8	543
C0236104021031411BK	10	4	19.6±0.8	699
C0236105021031411BK	10	5	21.8±1	860
C0236102022031411BK	16	2	19.2±0.8	587
C0236103022031411BK	16	3	20.4±1	772
C0236104022031411BK	16	4	23.1±1	1030
C0236105022031411BK	16	5	25.5±1.2	1236
C0236102023031411BK	25	2	23.6±1	896
C0236103023031411BK	25	3	25.3±1.2	1191
C0236104023031411BK	25	4	28.3±1.2	1565
C0236105023031411BK	25	5	31.2±1.4	1875
C0236102024031411BK	35	2	26.5±1.2	1169
C0236103024031411BK	35	3	28.6±1.2	1596
C0236104024031411BK	35	4	31.7±1.4	2036
C0236105024031411BK	35	5	35.2±1.6	2488

TRVVSP - Moderate drag chain pair-twisted shielded cable



Highlights

- Moderate flexible drag chain cable
- The outer sheath material is flexible and durable
- Anti-ultraviolet、excellent weatherability、cold and oil resistance
- Withstands high mechanical stresses
- Pair-twisted+ Braid shielded of copper against EMC interference

Application Range

- Suitable for installation under successive reciprocating motion, especially in frequent bending situations in industrial environments.
- Places that require shielding in indoor and outdoor environments such as modern mechanical standard components in drag chains, logistics systems, control systems, mechanical automation systems, CNC machine tools, electronic equipment, hardware stamping, injection molding machines, mechanical (manual) hands, construction machinery, automotive manufacturing, heavy transportation equipment, automated warehouses, docks, fire trucks, etc.

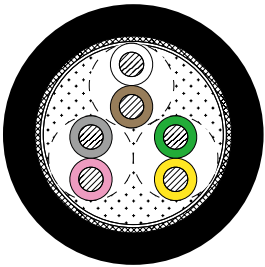
Standards/Certification

- conform to UL Standards :
E531888-UL-758 (Optional)
CCC5023&8734 (Optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0327104101031611BK	0.1	2P	5.8±0.4	39
C0327104103031611BK	0.14	2P	6±0.4	42
C0327104104031611BK	0.2	2P	6.4±0.4	48
C0327104106031611BK	0.25	2P	6.6±0.4	52
C0327104107031611BK	0.3	2P	6.8±0.4	56
C0327104108031611BK	0.34	2P	6.9±0.4	59
C0327104110031611BK	0.4	2P	7.3±0.4	65
C0327104111031611BK	0.5	2P	7.7±0.4	73
C0337104112031611BK	0.75	2P	8.6±0.6	92
C0337104113031611BK	1	2P	11.2±0.6	141
C0327106115031611BK	0.1	3P	6±0.4	43

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0327106117031611BK	0.14	3P	6.3±0.4	48
C0327106118031611BK	0.2	3P	6.6±0.4	55
C0327106120031611BK	0.25	3P	6.9±0.4	60
C0327106121031611BK	0.3	3P	7.1±0.4	65
C0327106122031611BK	0.34	3P	7.3±0.4	70
C0327106124031611BK	0.4	3P	7.7±0.4	78
C0327106125031611BK	0.5	3P	8.1±0.6	88
C0337106126031611BK	0.75	3P	9±0.6	112
C0337106127031611BK	1	3P	12±0.6	180
C0327108129031611BK	0.1	4P	6.5±0.4	51
C0327108131031611BK	0.14	4P	6.7±0.4	56

cross section



Technical Data



Core identification code

- with up to 10mm²: acc.to FM standards
- more than 10mm²: Different cores with white numbers
- Or per customer' s requirement



Rated Voltage

- U0/U ≤ 0.5mm² : 300/300V
 > 0.5mm² : 300/500V



Minimum bending radius

- Flexing: 5D(Cable O.D.)
- Fixed installation: 8D(Cable O.D.)



Temperature Range

- Flexing: -10° C ~ +70° C
- Fixed installation: -5° C ~ +70° C



Flammability

- Flame retardant acc. to GB/T18380
- VW-1 (optional)



Good chemical resistance

- Good oil resistance,
- cold resistance,
- acid and alkali solvent resistance, etc

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0327108132031611BK	0.2	4P	7.1±0.4	65
C0327108134031611BK	0.25	4P	7.4±0.4	71
C0327108135031611BK	0.3	4P	7.7±0.4	78
C0327108136031611BK	0.34	4P	7.9±0.4	85
C0327108138031611BK	0.4	4P	8.3±0.6	94
C0327108139031611BK	0.5	4P	8.8±0.6	106
C0337108140031611BK	0.75	4P	10±0.6	142
C0337108141031611BK	1	4P	13.3±0.6	229
C0327110143031611BK	0.1	5P	6.9±0.4	58
C0327110145031611BK	0.14	5P	7.2±0.4	65
C0327110146031611BK	0.2	5P	7.7±0.4	76
C0327110148031611BK	0.25	5P	8±0.4	84
C0327110149031611BK	0.3	5P	8.2±0.6	92
C0327110150031611BK	0.34	5P	8.5±0.6	100
C0327110152031611BK	0.4	5P	9±0.6	112
C0327110153031611BK	0.5	5P	9.5±0.6	127
C0337110154031611BK	0.75	5P	11±0.6	176
C0337110155031611BK	1	5P	14.6±0.8	281
C0327112157031611BK	0.1	6P	7.4±0.4	67
C0327112159031611BK	0.14	6P	7.7±0.4	74
C0327112160031611BK	0.2	6P	8.2±0.6	88
C0327112162031611BK	0.25	6P	8.6±0.6	98
C0327112163031611BK	0.3	6P	8.9±0.6	108
C0327112164031611BK	0.34	6P	9.1±0.6	118
C0327112166031611BK	0.4	6P	9.7±0.6	132
C0327112167031611BK	0.5	6P	10.4±0.6	154
C0337112168031611BK	0.75	6P	12.1±0.6	214
C0327114171031611BK	0.1	7P	7.9±0.4	74
C0327114173031611BK	0.14	7P	8.2±0.6	82
C0327114174031611BK	0.2	7P	8.8±0.6	98
C0327114176031611BK	0.25	7P	9.1±0.6	108
C0327114177031611BK	0.3	7P	9.5±0.6	120
C0327114178031611BK	0.34	7P	10±0.6	135
C0327114180031611BK	0.4	7P	10.6±0.6	152
C0327114181031611BK	0.5	7P	11.3±0.6	177
C0337114182031611BK	0.75	7P	12.9±0.6	233
C0327116185031611BK	0.1	8P	8.4±0.6	82
C0327116187031611BK	0.14	8P	8.7±0.6	92
C0327116188031611BK	0.2	8P	9.4±0.6	109
C0327116190031611BK	0.25	8P	9.7±0.6	121
C0327116191031611BK	0.3	8P	10.3±0.6	138
C0327116192031611BK	0.34	8P	10.6±0.6	151
C0327116194031611BK	0.4	8P	11.4±0.6	175
C0327116195031611BK	0.5	8P	12.3±0.6	203
C0337116196031611BK	0.75	8P	14±0.6	268
C0327118199031611BK	0.1	9P	8.9±0.6	92
C0327118201031611BK	0.14	9P	9.3±0.6	104
C0327118202031611BK	0.2	9P	10.2±0.6	127
C0327118204031611BK	0.25	9P	10.6±0.6	141
C0327118205031611BK	0.3	9P	11.1±0.6	161
C0327118206031611BK	0.34	9P	11.4±0.6	176
C0327118208031611BK	0.4	9P	12.3±0.6	203
C0327118209031611BK	0.5	9P	13±0.6	226
C0337118210031611BK	0.75	9P	14.9±0.8	305
C0327120213031611BK	0.1	10P	9.4±0.6	103

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0327120215031611BK	0.14	10P	10±0.6	120
C0327120216031611BK	0.2	10P	10.9±0.6	148
C0327120218031611BK	0.25	10P	11.3±0.6	165
C0327120219031611BK	0.3	10P	12±0.6	187
C0327120220031611BK	0.34	10P	12.3±0.6	207
C0327120222031611BK	0.4	10P	13±0.6	226
C0327120223031611BK	0.5	10P	14±0.6	264
C0337120224031611BK	0.75	10P	16.2±0.8	365
C0327122227031611BK	0.1	11P	9.2±0.6	103
C0327122229031611BK	0.14	11P	9.7±0.6	117
C0327122230031611BK	0.2	11P	10.6±0.6	146
C0327122232031611BK	0.25	11P	11.1±0.6	168
C0327122233031611BK	0.3	11P	11.6±0.6	186
C0327122234031611BK	0.34	11P	12.2±0.6	208
C0327122236031611BK	0.4	11P	12.8±0.6	230
C0327122237031611BK	0.5	11P	13.6±0.6	263
C0337122238031611BK	0.75	11P	15.9±0.8	369
C0327124241031611BK	0.1	12P	9.2±0.6	95
C0327124243031611BK	0.14	12P	9.7±0.6	108
C0327124244031611BK	0.2	12P	10.6±0.6	134
C0327124246031611BK	0.25	12P	11.1±0.6	155
C0327124247031611BK	0.3	12P	11.6±0.6	172
C0327124248031611BK	0.34	12P	12.2±0.6	193
C0327124250031611BK	0.4	12P	12.8±0.6	212
C0327124251031611BK	0.5	12P	13.6±0.6	242
C0337124252031611BK	0.75	12P	15.9±0.8	342
C0327126255031611BK	0.1	13P	9.7±0.6	103
C0327126257031611BK	0.14	13P	10.3±0.6	121
C0327126258031611BK	0.2	13P	11.2±0.6	151
C0327126260031611BK	0.25	13P	11.9±0.6	174
C0327126261031611BK	0.3	13P	12.3±0.6	192
C0327126264031611BK	0.4	13P	13.4±0.6	231
C0327126265031611BK	0.5	13P	14.5±0.8	271
C0337126266031611BK	0.75	13P	16.5±0.8	367
C0327128269031611BK	0.1	14P	9.7±0.6	107
C0327128271031611BK	0.14	14P	10.3±0.6	121
C0327128272031611BK	0.2	14P	11.2±0.6	151
C0327128274031611BK	0.25	14P	11.9±0.6	174
C0327128275031611BK	0.3	14P	12.3±0.6	193
C0327128276031611BK	0.34	14P	12.6±0.6	205
C0327128278031611BK	0.4	14P	13.4±0.6	232
C0327128279031611BK	0.5	14P	14.5±0.8	273
C0337128280031611BK	0.75	14P	16.5±0.8	385
C0327130283031611BK	0.1	15P	10.3±0.6	118
C0327130285031611BK	0.14	15P	10.8±0.6	134
C0327130286031611BK	0.2	15P	11.9±0.6	172
C0327130288031611BK	0.25	15P	12.3±0.6	188
C0327130289031611BK	0.3	15P	12.8±0.6	209
C0327130290031611BK	0.34	15P	13.2±0.6	229
C0327130292031611BK	0.4	15P	14.3±0.8	266
C0327130293031611BK	0.5	15P	15.2±0.8	304
C0337130294031611BK	0.75	15P	17.3±0.8	413
C0327132297031611BK	0.1	16P	10.3±0.6	118
C0327132299031611BK	0.14	16P	10.8±0.6	134
C0327132300031611BK	0.2	16P	11.9±0.6	172

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0327132302031611BK	0.25	16P	12.3±0.6	188
C0327132303031611BK	0.3	16P	12.8±0.6	210
C0327132304031611BK	0.34	16P	13.2±0.6	230
C0327132306031611BK	0.4	16P	14.3±0.8	267
C0327132307031611BK	0.5	16P	15.2±0.8	306
C0337132308031611BK	0.75	16P	17.3±0.8	416
C0327134311031611BK	0.1	17P	10.8±0.6	125
C0327134313031611BK	0.14	17P	11.3±0.6	142
C0327134314031611BK	0.2	17P	12.5±0.6	183
C0327134316031611BK	0.25	17P	12.9±0.6	199
C0327134317031611BK	0.3	17P	13.5±0.6	222
C0327134318031611BK	0.34	17P	14.1±0.8	250

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
C0327134320031611BK	0.4	17P	15±0.8	283
C0327134321031611BK	0.5	17P	16.1±0.8	331
C0337134322031611BK	0.75	17P	18.2±0.8	441
C0327136325031611BK	0.1	18P	10.9±0.6	134
C0327136327031611BK	0.14	18P	11.4±0.6	152
C0327136328031611BK	0.2	18P	12.5±0.6	191
C0327136330031611BK	0.25	18P	12.9±0.6	209
C0327136331031611BK	0.3	18P	13.5±0.6	233
C0327136332031611BK	0.34	18P	14.1±0.8	263
C0327136334031611BK	0.4	18P	15±0.8	297
C0327136335031611BK	0.5	18P	16.2±0.8	355
C0337136336031611BK	0.75	18P	18.5±0.8	485

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

INDUSTRIAL AUTOMATION MORE CONVENIENT AND RELIABLE

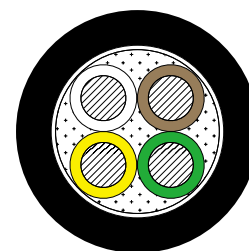
4 HIGHLY FLEXIBLE DRAG CHAIN CABLE

- TRVU - Highly flexible drag chain unshielded cables
- TRVUP - Highly flexible drag chain shielded cables
- TRVUSP - Highly flexible drag chain pair-twisted shielded cables

TRVU - Highly flexible drag chain unshielded cable

FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD TRVU

cross section



Highlights

- Highly flexible drag chain cable
- The outer sheath material is flexible and durable
- Anti-ultraviolet, excellent weatherability, cold and oil resistance
- Withstands high mechanical forces

Application Range

- Suitable for installation under successive reciprocating motion, especially in frequent bending situations in industrial environments.
- Modern mechanical standard components such as drag chains, logistics systems, control systems, mechanical automation systems, etc.
- Places that require shielding for indoor and outdoor environments such as CNC machine tools, electronic equipment, hardware stamping, wood and stone machinery, glass and door and window machinery, injection molding machinery (manual), construction machinery, heavy machinery factories, automobile manufacturing, lifting and transportation equipment, automated warehouses, docks, fire trucks, etc

Standards/Certification

- conform to UL Standards :
E531888-UL-758 (Optional)
CCC5023&8734 (Optional)

Product Structure

- Conductor:
extra fine wire strands of tinned bare copper
- Insulation:
Special elastic material insulation
- Outer sheath:
Special TPU polyether mixture sheath
- Cord structure:
anti twisting layering, or group gap filling
- Reference standards:
UL758, TUV, enterprise standards
- Core and outer sheath colors:
per customer' s request
- Core and outer sheath materials:
per customer' s request

Properties

- Flexing properties:
Travel length: acceleration 30m/S²
- Bending cycle:
88 times/min/m, >12 million times
- Features:
Waterproofing, oil-resistant, UV-resistant, cold-resistant, and withstands mechanical external forces.
Faster acceleration and stronger wear resistance than moderate cables

Technical Data

- Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement
- Conductor stranding**
 - Meet the Requirement of highly flexible cables
 - Confirm to UL Standard、CCC、TUVStandard
- Rated Voltage**
 - U0/U ≤ 0.5mm² : 300/300V
 - > 0.5mm² : 300/500V
- Bending Cycles and Operation Parameters**
 - Bending Cycles
 - 88 times/min/m, 12 million times
- Minimum bending radius**
 - Flexing: 5D(Cable O.D.)
 - Fixed installation: 8D(Cable O.D.)
- Temperature Range**
 - -30°C ~ + 80°C
- Flammability**
 - Flame retardant acc. to GB/T18380
 - VW-1 (optional)
- Good chemical resistance**
 - Good oil resistance,
 - cold resistance,
 - acid and alkali solvent resistance, etc

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428402002001613BK	0.1	2	4±0.4	19.0
M0428403002001613BK	0.1	3	4.2±0.4	21.6
M0428404002001613BK	0.1	4	4.4±0.4	24.2
M0428405002001613BK	0.1	5	4.7±0.4	28.1
M0428406002001613BK	0.1	6	4.7±0.4	29.9
M0428407002001613BK	0.1	7	5.2±0.4	36.4

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428408002001613BK	0.1	8	5.3±0.4	38.8
M0428409002001613BK	0.1	9	5.6±0.4	43.5
M0428410002001613BK	0.1	10	5.9±0.4	49.0
M0428411002001613BK	0.1	11	5.8±0.4	46.6
M0428412002001613BK	0.1	12	5.8±0.4	46.9
M0428413002001613BK	0.1	13	6±0.4	50.8

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428414002001613BK	0.1	14	6±0.4	51.1
M0428415002001613BK	0.1	15	6.3±0.4	56.4
M0428416002001613BK	0.1	16	6.3±0.4	56.7
M0428417002001613BK	0.1	17	6.6±0.4	57.5
M0428418002001613BK	0.1	18	6.6±0.4	62.5
M0428419002001613BK	0.1	19	6.7±0.4	63.3
M0428420002001613BK	0.1	20	6.8±0.4	66.7
M0428421002001613BK	0.1	21	6.9±0.4	70.0
M0428422002001613BK	0.1	22	7.1±0.4	72.3
M0428423002001613BK	0.1	23	7.1±0.4	73.1
M0428424002001613BK	0.1	24	7.6±0.4	81.0
M0428425002001613BK	0.1	25	7.6±0.4	81.9
M0428426002001613BK	0.1	26	7.9±0.4	88.2
M0428427002001613BK	0.1	27	7.9±0.4	89.1
M0428428002001613BK	0.1	28	8.3±0.4	95.0
M0428429002001613BK	0.1	29	8.3±0.4	95.9
M0428430002001613BK	0.1	30	8.3±0.4	97.0
M0428431002001613BK	0.1	31	8.3±0.4	97.3
M0428432002001613BK	0.1	32	8.3±0.4	97.6
M0428433002001613BK	0.1	33	8.3±0.4	97.8
M0428434002001613BK	0.1	34	8.6±0.4	104.8
M0428435002001613BK	0.1	35	8.6±0.4	105.1
M0428436002001613BK	0.1	36	8.6±0.4	105.4
M0428437002001613BK	0.1	37	8.6±0.4	106.2
M0428402004001613BK	0.14	2	4.2±0.4	21.3
M0428403004001613BK	0.14	3	4.3±0.4	23.6
M0428404004001613BK	0.14	4	4.6±0.4	27.4
M0428405004001613BK	0.14	5	4.9±0.4	31.9
M0428406004001613BK	0.14	6	5±0.4	34.9
M0428407004001613BK	0.14	7	5.5±0.4	42.4
M0428408004001613BK	0.14	8	5.6±0.4	45.4
M0428409004001613BK	0.14	9	5.9±0.4	50.7
M0428410004001613BK	0.14	10	6.2±0.4	57.0
M0428411004001613BK	0.14	11	6.1±0.4	54.4
M0428412004001613BK	0.14	12	6.1±0.4	54.9
M0428413004001613BK	0.14	13	6.4±0.4	60.4
M0428414004001613BK	0.14	14	6.4±0.4	60.9
M0428415004001613BK	0.14	15	6.6±0.4	67.1
M0428416004001613BK	0.14	16	6.6±0.4	67.6
M0428417004001613BK	0.14	17	6.9±0.4	68.7
M0428418004001613BK	0.14	18	6.9±0.4	74.3
M0428419004001613BK	0.14	19	7.1±0.4	75.5
M0428420004001613BK	0.14	20	7.2±0.4	80.6
M0428421004001613BK	0.14	21	7.9±0.4	83.7
M0428422004001613BK	0.14	22	7.9±0.4	86.2
M0428423004001613BK	0.14	23	8.1±0.4	87.4
M0428424004001613BK	0.14	24	8.3±0.6	97.2
M0428425004001613BK	0.14	25	8.3±0.6	98.4
M0428426004001613BK	0.14	26	8.3±0.6	105.7
M0428427004001613BK	0.14	27	8.6±0.6	106.9
M0428428004001613BK	0.14	28	8.6±0.6	113.5
M0428429004001613BK	0.14	29	8.9±0.6	114.7
M0428430004001613BK	0.14	30	8.6±0.6	116.2
M0428431004001613BK	0.14	31	8.6±0.6	116.7
M0428432004001613BK	0.14	32	8.6±0.6	118.4

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428433004001613BK	0.14	33	8.6±0.6	117.6
M0428434004001613BK	0.14	34	8.9±0.6	125.7
M0428435004001613BK	0.14	35	8.9±0.6	126.1
M0428436004001613BK	0.14	36	8.9±0.6	126.6
M0428437004001613BK	0.14	37	10.1±0.6	127.8
M0428402005001613BK	0.2	2	4.4±0.4	24.1
M0428403005001613BK	0.2	3	4.5±0.4	27.0
M0428404005001613BK	0.2	4	4.8±0.4	31.4
M0428405005001613BK	0.2	5	5.1±0.4	36.7
M0428406005001613BK	0.2	6	5.2±0.4	40.5
M0428407005001613BK	0.2	7	5.8±0.4	49.8
M0428408005001613BK	0.2	8	5.9±0.4	53.7
M0428409005001613BK	0.2	9	6.2±0.4	59.9
M0428410005001613BK	0.2	10	6.6±0.4	68.2
M0428411005001613BK	0.2	11	6.5±0.4	65.4
M0428412005001613BK	0.2	12	6.5±0.4	66.3
M0428413005001613BK	0.2	13	6.8±0.4	72.8
M0428414005001613BK	0.2	14	6.8±0.4	73.6
M0428415005001613BK	0.2	15	7.1±0.4	80.9
M0428416005001613BK	0.2	16	7.1±0.4	81.8
M0428417005001613BK	0.2	17	7.4±0.4	83.5
M0428418005001613BK	0.2	18	7.4±0.4	89.9
M0428419005001613BK	0.2	19	7.6±0.4	91.6
M0428420005001613BK	0.2	20	7.7±0.4	97.4
M0428421005001613BK	0.2	21	8.5±0.6	104.9
M0428422005001613BK	0.2	22	8.5±0.6	105.8
M0428423005001613BK	0.2	23	8.7±0.6	107.5
M0428424005001613BK	0.2	24	8.9±0.6	118.5
M0428425005001613BK	0.2	25	8.9±0.6	120.2
M0428426005001613BK	0.2	26	8.9±0.6	128.6
M0428427005001613BK	0.2	27	9.3±0.6	130.3
M0428428005001613BK	0.2	28	9.3±0.6	139.1
M0428429005001613BK	0.2	29	9.6±0.6	140.8
M0428430005001613BK	0.2	30	9.3±0.6	142.9
M0428431005001613BK	0.2	31	9.3±0.6	143.7
M0428432005001613BK	0.2	32	9.3±0.6	144.5
M0428433005001613BK	0.2	33	9.3±0.6	145.4
M0428434005001613BK	0.2	34	9.6±0.6	160.7
M0428435005001613BK	0.2	35	9.6±0.6	161.5
M0428436005001613BK	0.2	36	9.6±0.6	162.4
M0428437005001613BK	0.2	37	10.9±0.6	164.0
M0428402007001613BK	0.25	2	4.5±0.4	25.9
M0428403007001613BK	0.25	3	4.7±0.4	30.1
M0428404007001613BK	0.25	4	5±0.4	35.1
M0428405007001613BK	0.25	5	5.3±0.4	40.9
M0428406007001613BK	0.25	6	5.5±0.4	46.4
M0428407007001613BK	0.25	7	6±0.4	59.2
M0428408007001613BK	0.25	8	6.2±0.4	60.8
M0428409007001613BK	0.25	9	6.5±0.4	67.6
M0428410007001613BK	0.25	10	6.9±0.4	77.7
M0428411007001613BK	0.25	11	6.8±0.4	74.6
M0428412007001613BK	0.25	12	6.8±0.4	75.6
M0428413007001613BK	0.25	13	7.1±0.4	83.0
M0428414007001613BK	0.25	14	7.1±0.4	84.0
M0428415007001613BK	0.25	15	7.4±0.4	92.2

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428416007001613BK	0.25	16	7.4±0.4	93.3
M0428417007001613BK	0.25	17	7.8±0.4	95.4
M0428418007001613BK	0.25	18	7.8±0.4	103.9
M0428419007001613BK	0.25	19	7.9±0.4	106.1
M0428420007001613BK	0.25	20	8.1±0.4	112.5
M0428421007001613BK	0.25	21	8.9±0.6	120.6
M0428422007001613BK	0.25	22	8.9±0.6	121.7
M0428423007001613BK	0.25	23	9.1±0.6	123.9
M0428424007001613BK	0.25	24	9.4±0.6	135.7
M0428425007001613BK	0.25	25	9.4±0.6	137.8
M0428426007001613BK	0.25	26	9.4±0.6	149.3
M0428427007001613BK	0.25	27	9.4±0.6	151.5
M0428428007001613BK	0.25	28	9.7±0.6	165.7
M0428429007001613BK	0.25	29	10.3±0.6	167.9
M0428430007001613BK	0.25	30	9.7±0.6	170.3
M0428431007001613BK	0.25	31	9.7±0.6	171.4
M0428432007001613BK	0.25	32	9.7±0.6	172.4
M0428433007001613BK	0.25	33	9.7±0.6	173.5
M0428434007001613BK	0.25	34	10.3±0.6	185.8
M0428435007001613BK	0.25	35	10.3±0.6	186.9
M0428436007001613BK	0.25	36	10.3±0.6	188.0
M0428437007001613BK	0.25	37	11.4±0.6	190.1
M0428402008001613BK	0.3	2	4.6±0.4	27.7
M0428403008001613BK	0.3	3	4.7±0.4	32.4
M0428404008001613BK	0.3	4	5±0.4	38.0
M0428405008001613BK	0.3	5	5.3±0.4	45.2
M0428406008001613BK	0.3	6	5.5±0.4	50.3
M0428407008001613BK	0.3	7	6±0.4	61.3
M0428408008001613BK	0.3	8	6.2±0.4	66.9
M0428409008001613BK	0.3	9	6.5±0.4	74.2
M0428410008001613BK	0.3	10	6.9±0.4	84.9
M0428411008001613BK	0.3	11	6.8±0.4	82.3
M0428412008001613BK	0.3	12	6.8±0.4	83.9
M0428413008001613BK	0.3	13	7.1±0.4	91.7
M0428414008001613BK	0.3	14	7.1±0.4	93.3
M0428415008001613BK	0.3	15	7.4±0.4	103.2
M0428416008001613BK	0.3	16	7.4±0.4	104.8
M0428417008001613BK	0.3	17	7.8±0.4	107.4
M0428418008001613BK	0.3	18	7.8±0.4	116.55
M0428419008001613BK	0.3	19	7.9±0.4	119.14
M0428420008001613BK	0.3	20	8.1±0.4	126.24
M0428421008001613BK	0.3	21	8.9±0.6	134.84
M0428422008001613BK	0.3	22	8.9±0.6	136.44
M0428423008001613BK	0.3	23	9.1±0.6	139.02
M0428424008001613BK	0.3	24	9.4±0.6	152.92
M0428425008001613BK	0.3	25	9.4±0.6	155.48
M0428426008001613BK	0.3	26	9.4±0.6	166.33
M0428427008001613BK	0.3	27	9.4±0.6	168.9
M0428428008001613BK	0.3	28	9.7±0.6	185.46
M0428429008001613BK	0.3	29	10.3±0.6	188.03
M0428430008001613BK	0.3	30	9.7±0.6	191.02
M0428431008001613BK	0.3	31	9.7±0.6	192.59
M0428432008001613BK	0.3	32	9.7±0.6	194.17
M0428433008001613BK	0.3	33	9.7±0.6	195.75
M0428434008001613BK	0.3	34	10.3±0.6	208.72

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428435008001613BK	0.3	35	10.3±0.6	210.29
M0428436008001613BK	0.3	36	10.3±0.6	211.88
M0428437008001613BK	0.3	37	11.4±0.6	214.41
M0428402011001613BK	0.4	2	4.9±0.4	32.27
M0428403011001613BK	0.4	3	5.1±0.4	38.06
M0428404011001613BK	0.4	4	5.5±0.4	46.02
M0428405011001613BK	0.4	5	5.9±0.4	54.44
M0428406011001613BK	0.4	6	6.1±0.4	61.7
M0428407011001613BK	0.4	7	6.7±0.4	74.75
M0428408011001613BK	0.4	8	6.9±0.4	82.16
M0428409011001613BK	0.4	9	7.4±0.4	92.05
M0428410011001613BK	0.4	10	7.8±0.4	106.09
M0428411011001613BK	0.4	11	7.7±0.4	101.48
M0428412011001613BK	0.4	12	7.7±0.4	103.51
M0428413011001613BK	0.4	13	8±0.4	114.37
M0428414011001613BK	0.4	14	8±0.4	116.38
M0428415011001613BK	0.4	15	8.4±0.6	128.56
M0428416011001613BK	0.4	16	8.4±0.6	130.57
M0428417011001613BK	0.4	17	8.8±0.6	134.02
M0428418011001613BK	0.4	18	8.8±0.6	144.85
M0428419011001613BK	0.4	19	9±0.6	148.3
M0428420011001613BK	0.4	20	9.2±0.6	158.09
M0428421011001613BK	0.4	21	10.4±0.6	169.21
M0428422011001613BK	0.4	22	10.4±0.6	171.2
M0428423011001613BK	0.4	23	10.6±0.6	174.7
M0428424011001613BK	0.4	24	11±0.6	196.9
M0428425011001613BK	0.4	25	11±0.6	200.4
M0428426011001613BK	0.4	26	11±0.6	215.2
M0428427011001613BK	0.4	27	11.3±0.6	218.7
M0428428011001613BK	0.4	28	11.3±0.6	232.4
M0428429011001613BK	0.4	29	12±0.6	235.8
M0428430011001613BK	0.4	30	11.3±0.6	239.8
M0428431011001613BK	0.4	31	11.3±0.6	240.6
M0428432011001613BK	0.4	32	11.3±0.6	243.8
M0428433011001613BK	0.4	33	11.3±0.6	245.9
M0428434011001613BK	0.4	34	12±0.6	267.3
M0428435011001613BK	0.4	35	12±0.6	269.3
M0428436011001613BK	0.4	36	12±0.6	271.3
M0428437011001613BK	0.4	37	13.3±0.6	274.7
M0428402012001613BK	0.5	2	5.3±0.4	35.6
M0428403012001613BK	0.5	3	5.6±0.4	42.2
M0428404012001613BK	0.5	4	6±0.4	51.2
M0428405012001613BK	0.5	5	6.4±0.4	60.6
M0428406012001613BK	0.5	6	6.9±0.4	71.8
M0428407012001613BK	0.5	7	7.4±0.4	80.6
M0428408012001613BK	0.5	8	7.7±0.4	94.0
M0428409012001613BK	0.5	9	8.2±0.6	106.0
M0428410012001613BK	0.5	10	8.7±0.6	122.1
M0428411012001613BK	0.5	11	8.5±0.6	117.3
M0428412012001613BK	0.5	12	8.5±0.6	119.4
M0428413012001613BK	0.5	13	8.9±0.6	130.6
M0428414012001613BK	0.5	14	8.9±0.6	132.7
M0428415012001613BK	0.5	15	9.4±0.6	148.1
M0428416012001613BK	0.5	16	9.4±0.6	150.2
M0428417012001613BK	0.5	17	10.1±0.6	154.3

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0428418012001613BK	0.5	18	10.1±0.6	166.7
M0428419012001613BK	0.5	19	10.3±0.6	170.8
M0428420012001613BK	0.5	20	10.5±0.6	181.6
M0428421012001613BK	0.5	21	11.6±0.6	199.2
M0428422012001613BK	0.5	22	11.6±0.6	201.2
M0428423012001613BK	0.5	23	12.1±0.6	205.4
M0428424012001613BK	0.5	24	12.5±0.6	225.6
M0428425012001613BK	0.5	25	12.5±0.6	229.7
M0428426012001613BK	0.5	26	12.5±0.6	248.3
M0428427012001613BK	0.5	27	12.9±0.6	252.4
M0428428012001613BK	0.5	28	12.9±0.6	274.8
M0428429012001613BK	0.5	29	13.4±0.6	278.9
M0428430012001613BK	0.5	30	12.9±0.6	283.4
M0428431012001613BK	0.5	31	12.9±0.6	285.4
M0428432012001613BK	0.5	32	12.9±0.6	287.5
M0428433012001613BK	0.5	33	12.9±0.6	289.6
M0428434012001613BK	0.5	34	13.4±0.6	308.5
M0428435012001613BK	0.5	35	13.4±0.6	310.5
M0428436012001613BK	0.5	36	13.4±0.6	312.6
M0428437012001613BK	0.5	37	15.2±0.8	316.7
M0438402013001613BK	0.75	2	6±0.4	47.9
M0438403013001613BK	0.75	3	6.2±0.4	58.1
M0438404013001613BK	0.75	4	6.7±0.4	71.0
M0438405013001613BK	0.75	5	7.3±0.4	84.7
M0438406013001613BK	0.75	6	7.8±0.4	100.6
M0438407013001613BK	0.75	7	8.4±0.6	113.4
M0438408013001613BK	0.75	8	8.8±0.6	133.6
M0438409013001613BK	0.75	9	9.4±0.6	152.9
M0438410013001613BK	0.75	10	10.2±0.6	179.9
M0438411013001613BK	0.75	11	10±0.6	168.0
M0438412013001613BK	0.75	12	10±0.6	171.4
M0438413013001613BK	0.75	13	10.5±0.6	194.4
M0438414013001613BK	0.75	14	10.5±0.6	197.7
M0438415013001613BK	0.75	15	11±0.6	218.3
M0438416013001613BK	0.75	16	11±0.6	221.7
M0438417013001613BK	0.75	17	11.6±0.6	227.7
M0438418013001613BK	0.75	18	11.6±0.6	247.8
M0438419013001613BK	0.75	19	12.1±0.6	253.8
M0438420013001613BK	0.75	20	12.3±0.6	277.6
M0438421013001613BK	0.75	21	13.9±0.8	295.1
M0438422013001613BK	0.75	22	13.9±0.8	298.4
M0438423013001613BK	0.75	23	14.1±0.8	304.5
M0438424013001613BK	0.75	24	14.6±0.8	335.3
M0438425013001613BK	0.75	25	14.6±0.8	341.3
M0438426013001613BK	0.75	26	14.6±0.8	374.4
M0438427013001613BK	0.75	27	15.2±0.8	380.4
M0438428013001613BK	0.75	28	15.2±0.8	406.4
M0438429013001613BK	0.75	29	15.9±0.8	412.4
M0438430013001613BK	0.75	30	15.2±0.8	419.3
M0438431013001613BK	0.75	31	15.2±0.8	420.6
M0438432013001613BK	0.75	32	15.2±0.8	424.0
M0438433013001613BK	0.75	33	15.2±0.8	429.4
M0438434013001613BK	0.75	34	15.9±0.8	464.4
M0438435013001613BK	0.75	35	15.9±0.8	467.7
M0438436013001613BK	0.75	36	15.9±0.8	471.1

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0438437013001613BK	0.75	37	17.6±0.8	477.0
M0438402014001613BK	1	2	7.4±0.4	75.6
M0438403014001613BK	1	3	7.8±0.4	92.9
M0438404014001613BK	1	4	8.5±0.4	115.1
M0438405014001613BK	1	5	9.2±0.4	139.2
M0438406014001613BK	1	6	10.2±0.6	171.2
M0438407014001613BK	1	7	11±0.6	195.2
M0438408014001613BK	1	8	11.6±0.6	233.1
M0438409014001613BK	1	9	12.6±0.6	272.1
M0438410014001613BK	1	10	13.4±0.6	312.4
M0438411014001613BK	1	11	13.4±0.6	303.7
M0438412014001613BK	1	12	13.4±0.6	309.3
M0438413014001613BK	1	13	14.3±0.6	350.2
M0438414014001613BK	1	14	14.3±0.6	355.7
M0438415014001613BK	1	15	15±0.6	392.1
M0438416014001613BK	1	16	15±0.6	397.7
M0438417014001613BK	1	17	15±0.6	407.9
M0438418014001613BK	1	18	16±0.6	451.2
M0438419014001613BK	1	19	16±0.8	461.4
M0438420014001613BK	1	20	16.4±0.8	482.0
M0438402015001613BK	1.25	2	7.8±0.4	86.2
M0438403015001613BK	1.25	3	8.2±0.4	106.6
M0438404015001613BK	1.25	4	9±0.4	133.4
M0438405015001613BK	1.25	5	10±0.6	166.9
M0438406015001613BK	1.25	6	10.8±0.6	198.1
M0438407015001613BK	1.25	7	11.9±0.6	232.4
M0438408015001613BK	1.25	8	12.5±0.6	276.3
M0438409015001613BK	1.25	9	13.4±0.6	315.5
M0438410015001613BK	1.25	10	14.5±0.6	369.1
M0438411015001613BK	1.25	11	14.4±0.6	359.5
M0438412015001613BK	1.25	12	14.4±0.6	367.5
M0438413015001613BK	1.25	13	15.2±0.6	408.4
M0438414015001613BK	1.25	14	15.2±0.6	416.3
M0438415015001613BK	1.25	15	16.2±0.8	466.6
M0438416015001613BK	1.25	16	16.2±0.8	474.47
M0438417015001613BK	1.25	17	16.2±0.8	487.11
M0438418015001613BK	1.25	18	16.8±0.8	519.56
M0438419015001613BK	1.25	19	16.8±0.8	532.22
M0438420015001613BK	1.25	20	17.5±0.8	566.53
M0438402016001613BK	1.5	2	8.2±0.4	97.33
M0438403016001613BK	1.5	3	8.7±0.4	122.52
M0438404016001613BK	1.5	4	9.5±0.6	152.65
M0438405016001613BK	1.5	5	10.6±0.6	191.8
M0438406016001613BK	1.5	6	11.5±0.6	229.04
M0438407016001613BK	1.5	7	12.6±0.6	267.31
M0438408016001613BK	1.5	8	13.3±0.6	319.52
M0438409016001613BK	1.5	9	14.4±0.6	371.84
M0438410016001613BK	1.5	10	15.4±0.6	427.54
M0438411016001613BK	1.5	11	15.3±0.6	415.57
M0438412016001613BK	1.5	12	15.3±0.6	424.67
M0438413016001613BK	1.5	13	16.3±0.8	478.5
M0438414016001613BK	1.5	14	16.3±0.8	487.43
M0438415016001613BK	1.5	15	17±0.8	531.23
M0438416016001613BK	1.5	16	17±0.8	540.16
M0438417016001613BK	1.5	17	17±0.8	555.27

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0438418016001613BK	1.5	18	17.9±0.8	603.05
M0438419016001613BK	1.5	19	17.9±0.8	618.17
M0438420016001613BK	1.5	20	18.8±0.8	665.36
M0438402017001413BK	2	2	9.4±0.6	127.58
M0438403017001413BK	2	3	10.2±0.6	165.87
M0438404017001413BK	2	4	11.1±0.6	207.18
M0438405017001413BK	2	5	12.3±0.6	258.48
M0438406017001413BK	2	6	13.4±0.6	310.23
M0438407017001413BK	2	7	14.7±0.8	361.87
M0438408017001413BK	2	8	15.8±0.8	442.57
M0438409017001413BK	2	9	16.7±0.8	500.85
M0438410017001413BK	2	10	17.9±0.8	576.4
M0438402018001413BK	2.5	2	10.3±0.6	154.9
M0438403018001413BK	2.5	3	10.9±0.6	198.2
M0438404018001413BK	2.5	4	12.1±0.6	250.7
M0438405018001413BK	2.5	5	13.2±0.6	306.7
M0438406018001413BK	2.5	6	14.6±0.8	374.9
M0438407018001413BK	2.5	7	16±0.8	436.7
M0438408018001413BK	2.5	8	16.8±0.8	519.2
M0438409018001413BK	2.5	9	18±0.8	596.1
M0438410018001413BK	2.5	10	19.5±0.8	694.2
M0438402019001413BK	4	2	11.9±0.6	217.9
M0438403019001413BK	4	3	12.6±0.6	278.4
M0438404019001413BK	4	4	14±0.6	358.1
M0438405019001413BK	4	5	15.4±0.8	441.7
M0438406019001413BK	4	6	16.8±0.8	505.4
M0438407019001413BK	4	7	18.1±0.8	583.6
M0438408019001413BK	4	8	19.6±0.8	746.8

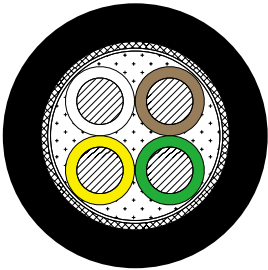
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0438409019001413BK	4	9	21.2±1.0	799.6
M0438410019001413BK	4	10	22.7±1.0	888.7
M0438402020001413BK	6	2	13.4±0.6	291.8
M0438403020001413BK	6	3	14.5±0.6	386.3
M0438404020001413BK	6	4	16.1±0.8	497.3
M0438405020001413BK	6	5	17.4±0.8	603.4
M0438406020001413BK	6	6	19.3±0.8	704.1
M0438407020001413BK	6	7	21.1±1.0	823.3
M0438408020001413BK	6	8	22.6±1.0	1038.4
M0438409020001413BK	6	9	24.4±1.0	1116.1
M0438410020001413BK	6	10	26.4±1.2	1251.4
M0438402021001413BK	10	2	16.3±0.8	428.8
M0438403021001413BK	10	3	17.2±0.8	549.8
M0438404021001413BK	10	4	19.1±0.8	709.7
M0438405021001413BK	10	5	21.2±1.0	861.6
M0438402022001413BK	16	2	18.8±0.8	608.6
M0438403022001413BK	16	3	20±0.8	800.5
M0438404022001413BK	16	4	22.3±1.0	1038.5
M0438405022001413BK	16	5	24.7±1.0	1261.0
M0438402023001413BK	25	2	23.1±1.0	928.5
M0438403023001413BK	25	3	24.6±1.0	1221.4
M0438404023001413BK	25	4	27.6±1.2	1579.5
M0438405023001413BK	25	5	30.6±1.2	1941.4
M0438402024001413BK	35	2	26.1±1.2	1223.1
M0438403024001413BK	35	3	28±1.2	1636.5
M0438404024001413BK	35	4	31.2±1.4	2097.8
M0438405024001413BK	35	5	34.8±1.4	2597.5

TRVUP - Highly flexible drag chain shielded cables



cross section



Highlights

- Highly flexible drag chain cable
- The outer sheath material is flexible and durable
- Anti-ultraviolet, excellent weatherability, cold and oil resistance
- Withstands high mechanical forces
- Shield: Tinned copper braid
- Excellent resistance to external electromagnetic interference

Application Range

- Suitable for installation under successive reciprocating motion, especially in frequent bending situations in industrial environments.
- Modern mechanical standard components such as drag chains, logistics systems, control systems, mechanical automation systems, etc.
- Places that require shielding for indoor and outdoor environments such as CNC machine tools, electronic equipment, hardware stamping, wood and stone machinery, glass and door and window machinery, injection molding machinery (manual), construction machinery, heavy machinery factories, automobile manufacturing, lifting and transportation equipment, automated warehouses, docks, fire trucks, etc

Standards/Certification

- conform to UL Standards : E531888-UL-758 (Optional) CCC5023&8734 (Optional)

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528402002041613BK	0.1	2	4.6±0.4	27.1
M0528403002041613BK	0.1	3	4.8±0.4	30.2
M0528404002041613BK	0.1	4	5±0.4	33.4
M0528405002041613BK	0.1	5	5.3±0.4	38.0
M0528406002041613BK	0.1	6	5.5±0.4	42.9
M0528407002041613BK	0.1	7	5.8±0.4	46.0

Product Structure

- Conductor: extra fine wire strands of tinned bare copper
- Insulation: Special elastic material insulation
- Braiding: Tinned copper braiding shielding enhances anti-interference
- Outer sheath: Special TPU polyether mixture sheath
- Cord structure: anti twisting layering, or group gap filling
- Reference standards: UL758, TUV, enterprise standards
- Core and outer sheath colors: per custome' s request
- Core and outer sheath materials: per customer' s request

Properties

- Flexing properties: Travel length: acceleration 30m/S²
- Bending cycle: 88 times/min/m, >12 million times
- Features:Waterproofing, oil-resistant, UV-resistant, cold-resistant, and withstands mechanical Faster acceleration and stronger wear resistance than moderate cables

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528408002041613BK	0.1	8	6.1±0.4	50.8
M0528409002041613BK	0.1	9	6.4±0.4	56.2
M0528410002041613BK	0.1	10	6.7±0.4	62.4
M0528411002041613BK	0.1	11	6.6±0.4	59.5
M0528412002041613BK	0.1	12	6.6±0.4	59.8
M0528413002041613BK	0.1	13	6.8±0.4	64.2

Technical Data



Core identification code

- with up to 5mm². acc.to FM standards
- more than 5mm²: Different cores with white numbers
- Or per customer' s requirement



Conductor stranding

- According to highly flexible cable requirements
- Confirm to UL Standard、CCC、TUVStandard



Rated Voltage

- U0/U ≤ 0.5mm² : 300/300V
- > 0.5mm² : 300/500V



Bending Cycles and Operation Parameters

- Bending Cycles
- 88 times/min/m, 12 million times



Minimum bending radius

- Flexing: 5D(Cable O.D.)
- Fixed installation: 8D(Cable O.D.)



Temperature Range

- -30°C ~ + 80°C



Flammability

- Flame retardant acc. to GB/T18380
- VW-1 (optional)



Good chemical resistance

- Good oil resistance,
- cold resistance,
- acid and alkali solvent resistance, etc

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528414002041613BK	0.1	14	6.8±0.4	64.5
M0528415002041613BK	0.1	15	7.1±0.4	70.5
M0528416002041613BK	0.1	16	7.1±0.4	70.8
M0528417002041613BK	0.1	17	7.4±0.4	72.1
M0528418002041613BK	0.1	18	7.4±0.4	77.3
M0528419002041613BK	0.1	19	7.5±0.4	78.6
M0528420002041613BK	0.1	20	7.6±0.4	82.2
M0528421002041613BK	0.1	21	8.3±0.4	86.0
M0528422002041613BK	0.1	22	8.3±0.4	86.3
M0528423002041613BK	0.1	23	8.4±0.4	87.7
M0528424002041613BK	0.1	24	8.6±0.6	95.8
M0528425002041613BK	0.1	25	8.6±0.6	97.1
M0528426002041613BK	0.1	26	8.6±0.6	103.7
M0528427002041613BK	0.1	27	8.9±0.6	101.0
M0528428002041613BK	0.1	28	8.9±0.6	111.2
M0528429002041613BK	0.1	29	9.2±0.6	112.5
M0528430002041613BK	0.1	30	8.9±0.6	113.1
M0528431002041613BK	0.1	31	8.9±0.6	113.4
M0528432002041613BK	0.1	32	8.9±0.6	113.7
M0528433002041613BK	0.1	33	8.9±0.6	114.0
M0528434002041613BK	0.1	34	9.2±0.6	121.6
M0528435002041613BK	0.1	35	9.2±0.6	121.9
M0528436002041613BK	0.1	36	9.2±0.6	122.2
M0528437002041613BK	0.1	37	10.4±0.6	127.6
M0528402004041613BK	0.14	2	4.8±0.4	29.7
M0528403004041613BK	0.14	3	4.9±0.4	32.4
M0528404004041613BK	0.14	4	5.2±0.4	36.9
M0528405004041613BK	0.14	5	5.5±0.4	42.2
M0528406004041613BK	0.14	6	5.8±0.4	48.9
M0528407004041613BK	0.14	7	6.1±0.4	52.3
M0528408004041613BK	0.14	8	6.4±0.4	57.8
M0528409004041613BK	0.14	9	6.7±0.4	63.9
M0528410004041613BK	0.14	10	7±0.4	70.9
M0528411004041613BK	0.14	11	6.9±0.4	67.6
M0528412004041613BK	0.14	12	6.9±0.4	68.1
M0528413004041613BK	0.14	13	7.2±0.4	74.4
M0528414004041613BK	0.14	14	7.2±0.4	74.8
M0528415004041613BK	0.14	15	7.4±0.4	81.8
M0528416004041613BK	0.14	16	7.4±0.4	82.3
M0528417004041613BK	0.14	17	7.7±0.4	84.0
M0528418004041613BK	0.14	18	7.7±0.4	89.8
M0528419004041613BK	0.14	19	7.9±0.4	91.5
M0528420004041613BK	0.14	20	8±0.4	96.7
M0528421004041613BK	0.14	21	8.7±0.6	100.4
M0528422004041613BK	0.14	22	8.7±0.6	100.8
M0528423004041613BK	0.14	23	8.9±0.6	102.6
M0528424004041613BK	0.14	24	9.1±0.6	112.7
M0528425004041613BK	0.14	25	9.1±0.6	114.5
M0528426004041613BK	0.14	26	9.1±0.6	121.8
M0528427004041613BK	0.14	27	9.5±0.6	127.6
M0528428004041613BK	0.14	28	9.5±0.6	134.6
M0528429004041613BK	0.14	29	10±0.6	136.3
M0528430004041613BK	0.14	30	9.5±0.6	137.3
M0528431004041613BK	0.14	31	9.5±0.6	137.8
M0528432004041613BK	0.14	32	9.5±0.6	139.5

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528433004041613BK	0.14	33	9.5±0.6	138.7
M0528434004041613BK	0.14	34	10±0.6	152.2
M0528435004041613BK	0.14	35	10±0.6	152.7
M0528436004041613BK	0.14	36	10±0.6	153.2
M0528437004041613BK	0.14	37	10.9±0.6	145.9
M0528402005041613BK	0.2	2	5±0.4	32.8
M0528403005041613BK	0.2	3	5.1±0.4	36.1
M0528404005041613BK	0.2	4	5.4±0.4	41.4
M0528405005041613BK	0.2	5	5.7±0.4	47.4
M0528406005041613BK	0.2	6	6±0.4	55.1
M0528407005041613BK	0.2	7	6.4±0.4	60.0
M0528408005041613BK	0.2	8	6.7±0.4	66.5
M0528409005041613BK	0.2	9	7±0.4	73.5
M0528410005041613BK	0.2	10	7.4±0.4	82.6
M0528411005041613BK	0.2	11	7.3±0.4	79.1
M0528412005041613BK	0.2	12	7.3±0.4	80.0
M0528413005041613BK	0.2	13	7.6±0.4	87.2
M0528414005041613BK	0.2	14	7.6±0.4	88.1
M0528415005041613BK	0.2	15	7.9±0.4	96.2
M0528416005041613BK	0.2	16	7.9±0.4	97.0
M0528417005041613BK	0.2	17	8.2±0.4	99.4
M0528418005041613BK	0.2	18	8.2±0.4	105.9
M0528419005041613BK	0.2	19	8.4±0.4	108.3
M0528420005041613BK	0.2	20	8.5±0.6	114.2
M0528421005041613BK	0.2	21	9.3±0.6	120.2
M0528422005041613BK	0.2	22	9.3±0.6	121.1
M0528423005041613BK	0.2	23	9.6±0.6	127.3
M0528424005041613BK	0.2	24	10±0.6	138.7
M0528425005041613BK	0.2	25	10±0.6	141.1
M0528426005041613BK	0.2	26	10±0.6	149.7
M0528427005041613BK	0.2	27	10±0.6	152.1
M0528428005041613BK	0.2	28	10.4±0.6	166.0
M0528429005041613BK	0.2	29	10.7±0.6	168.4
M0528430005041613BK	0.2	30	10.4±0.6	169.8
M0528431005041613BK	0.2	31	10.4±0.6	170.6
M0528432005041613BK	0.2	32	10.4±0.6	171.5
M0528433005041613BK	0.2	33	10.4±0.6	172.3
M0528434005041613BK	0.2	34	10.7±0.6	184.1
M0528435005041613BK	0.2	35	10.7±0.6	184.9
M0528436005041613BK	0.2	36	10.7±0.6	185.8
M0528437005041613BK	0.2	37	11.9±0.6	183.3
M0528402007041613BK	0.25	2	5.1±0.4	34.8
M0528403007041613BK	0.25	3	5.3±0.4	39.6
M0528404007041613BK	0.25	4	5.6±0.4	45.4
M0528405007041613BK	0.25	5	5.9±0.4	52.1
M0528406007041613BK	0.25	6	6.3±0.4	61.8
M0528407007041613BK	0.25	7	6.6±0.4	69.6
M0528408007041613BK	0.25	8	7±0.4	74.0
M0528409007041613BK	0.25	9	7.3±0.4	81.5
M0528410007041613BK	0.25	10	7.7±0.4	92.4
M0528411007041613BK	0.25	11	7.6±0.4	88.6
M0528412007041613BK	0.25	12	7.6±0.4	89.7
M0528413007041613BK	0.25	13	7.9±0.4	97.8
M0528414007041613BK	0.25	14	7.9±0.4	98.8
M0528415007041613BK	0.25	15	8.2±0.4	107.8

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528416007041613BK	0.25	16	8.2±0.4	108.9
M0528417007041613BK	0.25	17	8.6±0.6	111.8
M0528418007041613BK	0.25	18	8.6±0.6	120.4
M0528419007041613BK	0.25	19	8.7±0.6	123.3
M0528420007041613BK	0.25	20	8.9±0.6	129.8
M0528421007041613BK	0.25	21	10±0.6	140.5
M0528422007041613BK	0.25	22	10±0.6	141.5
M0528423007041613BK	0.25	23	10.2±0.6	144.4
M0528424007041613BK	0.25	24	10.5±0.6	156.6
M0528425007041613BK	0.25	25	10.5±0.6	159.5
M0528426007041613BK	0.25	26	10.5±0.6	176.0
M0528427007041613BK	0.25	27	10.5±0.6	178.9
M0528428007041613BK	0.25	28	10.8±0.6	189.0
M0528429007041613BK	0.25	29	11.1±0.6	187.0
M0528430007041613BK	0.25	30	10.8±0.6	193.5
M0528431007041613BK	0.25	31	10.8±0.6	194.6
M0528432007041613BK	0.25	32	10.8±0.6	195.7
M0528433007041613BK	0.25	33	10.8±0.6	196.7
M0528434007041613BK	0.25	34	11.1±0.6	205.0
M0528435007041613BK	0.25	35	11.1±0.6	206.1
M0528436007041613BK	0.25	36	11.1±0.6	207.2
M0528437007041613BK	0.25	37	12.4±0.6	210.0
M0528402008041613BK	0.3	2	5.2±0.4	36.8
M0528403008041613BK	0.3	3	5.3±0.4	42.1
M0528404008041613BK	0.3	4	5.6±0.4	48.5
M0528405008041613BK	0.3	5	5.9±0.4	56.7
M0528406008041613BK	0.3	6	6.3±0.4	66.0
M0528407008041613BK	0.3	7	6.6±0.4	71.8
M0528408008041613BK	0.3	8	7±0.4	80.3
M0528409008041613BK	0.3	9	7.3±0.4	88.5
M0528410008041613BK	0.3	10	7.7±0.4	99.9
M0528411008041613BK	0.3	11	7.6±0.4	96.5
M0528412008041613BK	0.3	12	7.6±0.4	98.1
M0528413008041613BK	0.3	13	7.9±0.4	106.8
M0528414008041613BK	0.3	14	7.9±0.4	108.4
M0528415008041613BK	0.3	15	8.2±0.4	119.1
M0528416008041613BK	0.3	16	8.2±0.4	120.7
M0528417008041613BK	0.3	17	8.6±0.6	124.2
M0528418008041613BK	0.3	18	8.6±0.6	133.3
M0528419008041613BK	0.3	19	8.7±0.6	136.8
M0528420008041613BK	0.3	20	8.9±0.6	143.9
M0528421008041613BK	0.3	21	10±0.6	155.2
M0528422008041613BK	0.3	22	10±0.6	156.8
M0528423008041613BK	0.3	23	10.2±0.6	160.2
M0528424008041613BK	0.3	24	10.5±0.6	179.2
M0528425008041613BK	0.3	25	10.5±0.6	182.6
M0528426008041613BK	0.3	26	10.5±0.6	193.7
M0528427008041613BK	0.3	27	10.5±0.6	197.1
M0528428008041613BK	0.3	28	10.8±0.6	209.3
M0528429008041613BK	0.3	29	10.8±0.6	207.7
M0528430008041613BK	0.3	30	11.1±0.6	214.9
M0528431008041613BK	0.3	31	10.8±0.6	216.5
M0528432008041613BK	0.3	32	10.8±0.6	218.0
M0528433008041613BK	0.3	33	10.8±0.6	219.6
M0528434008041613BK	0.3	34	11.1±0.6	228.3

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528435008041613BK	0.3	35	11.1±0.6	229.9
M0528436008041613BK	0.3	36	11.1±0.6	231.5
M0528437008041613BK	0.3	37	12.4±0.6	234.9
M0528402011041613BK	0.4	2	5.5±0.4	41.9
M0528403011041613BK	0.4	3	5.7±0.4	48.3
M0528404011041613BK	0.4	4	6.1±0.4	57.3
M0528405011041613BK	0.4	5	6.5±0.4	66.7
M0528406011041613BK	0.4	6	6.9±0.4	79.0
M0528407011041613BK	0.4	7	7.3±0.4	85.6
M0528408011041613BK	0.4	8	7.7±0.4	96.1
M0528409011041613BK	0.4	9	8.2±0.4	106.9
M0528410011041613BK	0.4	10	8.6±0.6	121.8
M0528411011041613BK	0.4	11	8.5±0.6	116.2
M0528412011041613BK	0.4	12	8.5±0.6	118.2
M0528413011041613BK	0.4	13	8.8±0.6	130.1
M0528414011041613BK	0.4	14	8.8±0.6	132.1
M0528415011041613BK	0.4	15	9.2±0.6	145.2
M0528416011041613BK	0.4	16	9.2±0.6	147.2
M0528417011041613BK	0.4	17	9.7±0.6	155.8
M0528418011041613BK	0.4	18	9.7±0.6	166.7
M0528419011041613BK	0.4	19	10.1±0.6	171.3
M0528420011041613BK	0.4	20	10.3±0.6	185.9
M0528421011041613BK	0.4	21	11.2±0.6	191.1
M0528422011041613BK	0.4	22	11.2±0.6	193.1
M0528423011041613BK	0.4	23	11.4±0.6	197.6
M0528424011041613BK	0.4	24	12±0.6	215.0
M0528425011041613BK	0.4	25	12±0.6	219.5
M0528426011041613BK	0.4	26	12±0.6	234.1
M0528427011041613BK	0.4	27	12.3±0.6	238.7
M0528428011041613BK	0.4	28	12.3±0.6	257.8
M0528429011041613BK	0.4	29	12.8±0.6	262.4
M0528430011041613BK	0.4	30	12.3±0.6	265.3
M0528431011041613BK	0.4	31	12.3±0.6	266.1
M0528432011041613BK	0.4	32	12.3±0.6	269.3
M0528433011041613BK	0.4	33	12.3±0.6	271.3
M0528434011041613BK	0.4	34	12.8±0.6	288.1
M0528435011041613BK	0.4	35	12.8±0.6	290.1
M0528436011041613BK	0.4	36	12.8±0.6	292.1
M0528437011041613BK	0.4	37	14.4±0.8	302.4
M0528402012041613BK	0.5	2	5.9±0.4	45.5
M0528403012041613BK	0.5	3	6.2±0.4	52.8
M0528404012041613BK	0.5	4	6.6±0.4	62.9
M0528405012041613BK	0.5	5	7±0.4	73.3
M0528406012041613BK	0.5	6	7.5±0.4	88.3
M0528407012041613BK	0.5	7	8±0.4	98.2
M0528408012041613BK	0.5	8	8.5±0.6	108.2
M0528409012041613BK	0.5	9	9±0.6	121.2
M0528410012041613BK	0.5	10	9.6±0.6	142.2
M0528411012041613BK	0.5	11	9.4±0.6	136.2
M0528412012041613BK	0.5	12	9.4±0.6	138.3
M0528413012041613BK	0.5	13	10±0.6	150.7
M0528414012041613BK	0.5	14	10±0.6	152.8
M0528415012041613BK	0.5	15	10.5±0.6	174.1
M0528416012041613BK	0.5	16	10.5±0.6	176.2
M0528417012041613BK	0.5	17	10.9±0.6	172.5

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0528418012041613BK	0.5	18	10.9±0.6	189.4
M0528419012041613BK	0.5	19	11.1±0.6	194.8
M0528420012041613BK	0.5	20	11.3±0.6	205.6
M0528421012041613BK	0.5	21	12.6±0.6	217.0
M0528422012041613BK	0.5	22	12.6±0.6	219.1
M0528423012041613BK	0.5	23	12.9±0.6	224.5
M0528424012041613BK	0.5	24	13.3±0.6	244.1
M0528425012041613BK	0.5	25	13.3±0.6	249.5
M0528426012041613BK	0.5	26	13.3±0.6	273.4
M0528427012041613BK	0.5	27	14±0.6	284.4
M0528428012041613BK	0.5	28	14±0.6	301.2
M0528429012041613BK	0.5	29	14.5±0.8	306.6
M0528430012041613BK	0.5	30	14±0.6	309.7
M0528431012041613BK	0.5	31	14±0.6	311.8
M0528432012041613BK	0.5	32	14±0.6	313.9
M0528433012041613BK	0.5	33	14±0.6	316.0
M0528434012041613BK	0.5	34	14.5±0.8	336.0
M0528435012041613BK	0.5	35	14.5±0.8	338.1
M0528436012041613BK	0.5	36	14.5±0.8	340.2
M0528437012041613BK	0.5	37	16.2±0.8	354.5
M0538402013041613BK	0.75	2	6.6±0.4	58.9
M0538403013041613BK	0.75	3	6.8±0.4	70.1
M0538404013041613BK	0.75	4	7.3±0.4	84.3
M0538405013041613BK	0.75	5	7.9±0.4	99.3
M0538406013041613BK	0.75	6	8.4±0.6	120.5
M0538407013041613BK	0.75	7	9±0.6	134.7
M0538408013041613BK	0.75	8	9.7±0.6	152.7
M0538409013041613BK	0.75	9	10.5±0.6	178.3
M0538410013041613BK	0.75	10	11±0.6	197.3
M0538411013041613BK	0.75	11	10.9±0.6	193.1
M0538412013041613BK	0.75	12	10.8±0.6	191.7
M0538413013041613BK	0.75	13	11.3±0.6	211.3
M0538414013041613BK	0.75	14	11.3±0.6	214.7
M0538415013041613BK	0.75	15	12±0.6	242.1
M0538416013041613BK	0.75	16	12±0.6	245.4
M0538417013041613BK	0.75	17	12.6±0.6	253.5
M0538418013041613BK	0.75	18	12.6±0.6	272.9
M0538419013041613BK	0.75	19	12.9±0.6	280.9
M0538420013041613BK	0.75	20	13.1±0.6	298.4
M0538421013041613BK	0.75	21	14.8±0.8	320.5
M0538422013041613BK	0.75	22	14.8±0.8	323.9
M0538423013041613BK	0.75	23	15±0.8	332.0
M0538424013041613BK	0.75	24	15.5±0.8	368.4
M0538425013041613BK	0.75	25	15.5±0.8	376.4
M0538426013041613BK	0.75	26	15.5±0.8	402.4
M0538427013041613BK	0.75	27	16.2±0.8	420.6
M0538428013041613BK	0.75	28	16.2±0.8	453.9
M0538429013041613BK	0.75	29	16.7±0.8	461.9
M0538430013041613BK	0.75	30	16.2±0.8	466.8
M0538431013041613BK	0.75	31	16.2±0.8	470.1
M0538432013041613BK	0.75	32	16.2±0.8	473.5
M0538433013041613BK	0.75	33	16.2±0.8	476.9
M0538434013041613BK	0.75	34	16.7±0.8	498.6
M0538435013041613BK	0.75	35	16.7±0.8	502.0
M0538436013041613BK	0.75	36	16.7±0.8	505.4

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0538437013041613BK	0.75	37	18.8±0.8	513.3
M0538402014041613BK	1	2	8±0.4	88
M0538403014041613BK	1	3	8.4±0.4	106
M0538404014041613BK	1	4	9.1±0.4	130
M0538405014041613BK	1	5	10.1±0.6	165
M0538406014041613BK	1	6	10.9±0.6	202
M0538407014041613BK	1	7	11.6±0.6	223
M0538408014041613BK	1	8	12.6±0.6	252
M0538409014041613BK	1	9	13.5±0.6	293
M0538410014041613BK	1	10	14.5±0.6	342
M0538411014041613BK	1	11	14.3±0.6	326
M0538412014041613BK	1	12	14.3±0.6	331
M0538413014041613BK	1	13	15±0.6	368
M0538414014041613BK	1	14	15±0.6	374
M0538415014041613BK	1	15	16±0.6	430
M0538416014041613BK	1	16	16±0.6	436
M0538417014041613BK	1	17	16.6±0.8	450
M0538418014041613BK	1	18	16.6±0.8	476
M0538419014041613BK	1	19	16.6±0.8	491
M0538420014041613BK	1	20	17.4±0.8	521
M0538402015041613BK	1.25	2	8.4±0.4	98
M0538403015041613BK	1.25	3	8.8±0.4	120
M0538404015041613BK	1.25	4	9.6±0.6	149
M0538405015041613BK	1.25	5	10.7±0.6	189
M0538406015041613BK	1.25	6	11.4±0.6	225
M0538407015041613BK	1.25	7	12.5±0.6	263
M0538408015041613BK	1.25	8	13.3±0.6	290
M0538409015041613BK	1.25	9	14.5±0.6	343
M0538410015041613BK	1.25	10	15.4±0.6	392
M0538411015041613BK	1.25	11	15.1±0.6	375
M0538412015041613BK	1.25	12	15.1±0.6	383
M0538413015041613BK	1.25	13	16.1±0.8	433
M0538414015041613BK	1.25	14	16.1±0.8	441
M0538415015041613BK	1.25	15	16.8±0.8	489
M0538416015041613BK	1.25	16	16.8±0.8	497
M0538417015041613BK	1.25	17	16.8±0.8	514
M0538418015041613BK	1.25	18	17.6±0.8	552
M0538419015041613BK	1.25	19	17.6±0.8	570
M0538420015041613BK	1.25	20	18.7±0.8	615
M0538402016041613BK	1.5	2	8.8±0.4	110
M0538403016041613BK	1.5	3	9.3±0.6	137
M0538404016041613BK	1.5	4	10.4±0.6	178
M0538405016041613BK	1.5	5	11.2±0.6	210
M0538406016041613BK	1.5	6	12.3±0.6	265
M0538407016041613BK	1.5	7	13.2±0.6	300
M0538408016041613BK	1.5	8	14.4±0.6	345
M0538409016041613BK	1.5	9	15.3±0.6	393
M0538410016041613BK	1.5	10	16.4±0.8	461
M0538411016041613BK	1.5	11	16.3±0.8	448
M0538412016041613BK	1.5	12	16.3±0.8	457
M0538413016041613BK	1.5	13	16.9±0.8	498
M0538414016041613BK	1.5	14	16.9±0.8	507
M0538415016041613BK	1.5	15	17.8±0.8	561
M0538416016041613BK	1.5	16	17.8±0.8	570
M0538417016041613BK	1.5	17	17.8±0.8	590

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0538418016041613BK	1.5	18	18.9±0.8	644
M0538419016041613BK	1.5	19	18.9±0.8	665
M0538420016041613BK	1.5	20	20±0.8	728
M0538402017041413BK	2	2	10.3±0.6	149.6
M0538403017041413BK	2	3	10.9±0.6	186.2
M0538404017041413BK	2	4	11.9±0.6	230.6
M0538405017041413BK	2	5	12.9±0.6	279.0
M0538406017041413BK	2	6	14.3±0.6	359.0
M0538407017041413BK	2	7	15.4±0.8	407.8
M0538408017041413BK	2	8	16.6±0.8	463.1
M0538409017041413BK	2	9	17.7±0.8	531.2
M0538410017041413BK	2	10	19.3±0.8	640.7
M0538402018041413BK	2.5	2	10.9±0.6	167.6
M0538403018041413BK	2.5	3	11.5±0.6	213.7
M0538404018041413BK	2.5	4	12.7±0.6	269.1
M0538405018041413BK	2.5	5	14.1±0.6	340.7
M0538406018041413BK	2.5	6	15.3±0.8	420.7
M0538407018041413BK	2.5	7	16.6±0.8	490.5
M0538408018041413BK	2.5	8	17.8±0.8	545.5
M0538409018041413BK	2.5	9	19.4±0.8	656.3
M0538410018041413BK	2.5	10	20.9±1.0	760.1
M0538402019041413BK	4	2	12.5±0.6	229.9
M0538403019041413BK	4	3	13.2±0.6	294.0
M0538404019041413BK	4	4	14.7±0.8	383.7
M0538405019041413BK	4	5	16.2±0.8	481.9
M0538406019041413BK	4	6	17.6±0.8	571.0
M0538407019041413BK	4	7	19.3±0.8	686.8
M0538408019041413BK	4	8	21±1.0	801.9

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0538409019041413BK	4	9	22.4±1.0	850.4
M0538410019041413BK	4	10	24.1±1.0	955.3
M0538402020041413BK	6	2	14.3±0.6	314.9
M0538403020041413BK	6	3	15.2±0.8	407.9
M0538404020041413BK	6	4	16.7±0.8	527.0
M0538405020041413BK	6	5	18.2±0.8	646.0
M0538406020041413BK	6	6	20.3±0.8	804.1
M0538407020041413BK	6	7	22.1±1.0	932.2
M0538408020041413BK	6	8	24±1.0	1090.1
M0538409020041413BK	6	9	26±1.2	1204.6
M0538410020041413BK	6	10	28±1.2	1348.4
M0538402021041413BK	10	2	16.9±0.8	445.5
M0538403021041413BK	10	3	18±0.8	581.5
M0538404021041413BK	10	4	20.1±0.8	771.6
M0538405021041413BK	10	5	22.2±1.0	932.8
M0538402022041413BK	16	2	19.8±0.8	651.7
M0538403022041413BK	16	3	21.2±1.0	864.6
M0538404022041413BK	16	4	23.5±1.0	1114.4
M0538405022041413BK	16	5	26.1±1.2	1379.2
M0538402023041413BK	25	2	24.1±1.0	965.5
M0538403023041413BK	25	3	26±1.2	1316.5
M0538404023041413BK	25	4	28.8±1.2	1679.5
M0538405023041413BK	25	5	31.8±1.4	2057.9
M0538402024041413BK	35	2	27.3±1.2	1284.2
M0538403024041413BK	35	3	29.2±1.2	1719.2
M0538404024041413BK	35	4	32.6±1.4	2214.3
M0538405024041413BK	35	5	36±1.6	2717.5

TRVUSP - Highly flexible drag chain pair-twisted shielded cable



Highlights

- Highly flexible drag chain cable
- The outer sheath material is flexible and durable
- Anti-ultraviolet、excellent weatherability、cold and oil resistance
- Withstands high mechanical forces
- Shield: Twisted pairing + tinned copper braid shielding.
- Excellent resistance to external electromagnetic interference

Application Range

- Suitable for installation under successive reciprocating motion, especially in frequent bending situations in industrial environments.
- Modern mechanical standard components such as drag chains, logistics systems, control systems, mechanical automation systems, etc.
- Places that require shielding for indoor and outdoor environments such as CNC machine tools, electronic equipment, hardware stamping, wood and stone machinery, glass and door and window machinery, injection molding machinery (manual), construction machinery, heavy machinery factories, automobile manufacturing, lifting and transportation equipment, automated warehouses, docks, fire trucks, etc

Standards/Certification

- conform to UL Standards :
E531888-UL-758 (Optional)
CCC5023&8734 (Optional)

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0628404101041613BK	0.1	2P	5.8±0.4	41.5
M0628404103041613BK	0.14	2P	6±0.4	45.4
M0628404104041613BK	0.2	2P	6.4±0.4	52.2
M0628404106041613BK	0.25	2P	6.6±0.4	56.6
M0628404107041613BK	0.3	2P	6.8±0.4	61.0
M0628404110041613BK	0.4	2P	7.3±0.4	71.2

Product Structure

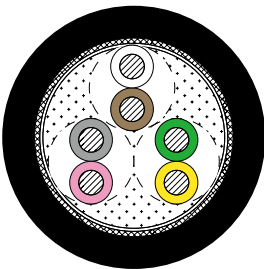
- Conductor:
extra fine wire strands of tinned bare copper
- Insulation:
Special elastic material insulation
- Braiding:
Tinned copper braiding shielding enhances anti-interference
- Outer sheath:
Special TPU polyether mixture sheath
- Cord structure:
anti twisting layering, or group gap filling
- Reference standards:
UL758, TUV, enterprise standards
- Core and outer sheath colors:
per custome' s request
- Core and outer sheath materials:
per customer’ s request

Properties

- Flexing properties:
Travel length: acceleration 30m/S²
- Bending cycle:
88 times/min/m, >12 million times
- Features:Waterproofing, oil-resistant, UV-resistant, cold-resistant, and withstands mechanical
Stable signal transmission characteristics (anti-interference, anti-crosstalk)

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0628404111041613BK	0.5	2P	8±0.4	82.8
M0638404112041613BK	0.75	2P	9±0.6	106.4
M0638404113041613BK	1	2P	9.7±0.6	169.0
M0628406115041613BK	0.1	3P	6±0.4	46.4
M0628406117041613BK	0.14	3P	6.3±0.4	52.3
M0628406118041613BK	0.2	3P	6.6±0.4	59.5

cross section



Technical Data

- **Core identification code**
 - with up to 10mm². acc.to FM standards
 - more than 10mm²: Different cores with white numbers
 - Or per customer' s requirement
- **Conductor stranding**
 - According to highly flexible cable requirements
 - Confirm to UL Standard、CCC、TUVStandard
- **Rated Voltage**
 - U0/U ≤ 0.5mm² : 300/300V
 - > 0.5mm² : 300/500V
- **Bending Cycles and Operation Parameters**
 - Bending Cycles
 - 88 times/min/m, 12 million times
- **Minimum bending radius**
 - Flexing: 5D(Cable O.D.)
 - Fixed installation: 8D(Cable O.D.)
- **Temperature Range**
 - -30℃ ~ + 80℃
- **Flammability**
 - Flame retardant acc. to GB/T18380
 - VW-1 (optional)
- **Good chemical resistance**
 - Good oil resistance,
 - cold resistance,
 - acid and alkali solvent resistance, etc

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0628406120041613BK	0.25	3P	6.9±0.4	66.2
M0628406121041613BK	0.3	3P	7.1±0.4	71.7
M0628406124041613BK	0.4	3P	7.4±0.4	84.4
M0628406125041613BK	0.5	3P	8.4±0.6	99.2
M0638406126041613BK	0.75	3P	9.5±0.6	133.6
M0638406127041613BK	1	3P	10.5±0.6	217.4
M0628408129041613BK	0.1	4P	6.4±0.4	54.2
M0628408131041613BK	0.14	4P	6.7±0.4	61.1
M0628408132041613BK	0.2	4P	7.1±0.4	71.1
M0628408134041613BK	0.25	4P	7.4±0.4	79.0
M0628408135041613BK	0.3	4P	7.6±0.4	86.0
M0628408138041613BK	0.4	4P	8.2±0.4	102.7
M0628408139041613BK	0.5	4P	9±0.6	120.2
M0638408140041613BK	0.75	4P	10.5±0.6	169.4
M0638408141041613BK	1	4P	11.2±0.6	276.3
M0628410143041613BK	0.1	5P	6.8±0.4	62.6
M0628410145041613BK	0.14	5P	7.2±0.4	72.0
M0628410146041613BK	0.2	5P	7.6±0.4	83.6
M0628410148041613BK	0.25	5P	7.9±0.4	93.1
M0628410149041613BK	0.3	5P	8.2±0.4	102.7
M0628410152041613BK	0.4	5P	8.8±0.6	122.7
M0628410153041613BK	0.5	5P	10.1±0.6	155.0
M0638410154041613BK	0.75	5P	11.3±0.6	200.0
M0628410155041613BK	1	5P	12.4±0.6	345.5
M0628412157041613BK	0.1	6P	7.3±0.4	75.3
M0628412159041613BK	0.14	6P	7.7±0.4	86.7
M0628412160041613BK	0.2	6P	8.1±0.4	101.0
M0628412162041613BK	0.25	6P	8.5±0.4	113.6
M0628412163041613BK	0.3	6P	8.8±0.6	124.9
M0628412166041613BK	0.4	6P	9.6±0.6	155.2
M0628412167041613BK	0.5	6P	10.8±0.6	188.9
M0638412168041613BK	0.75	6P	12.4±0.6	254.9
M0628414171041613BK	0.1	7P	7.7±0.4	80.3
M0628414173041613BK	0.14	7P	8.1±0.4	92.4
M0628414174041613BK	0.2	7P	8.7±0.6	110.0
M0628414176041613BK	0.25	7P	9±0.6	122.3
M0628414177041613BK	0.3	7P	9.5±0.6	140.0
M0628414180041613BK	0.4	7P	10.5±0.6	174.3
M0628414181041613BK	0.5	7P	11.5±0.6	207.7
M0638414182041613BK	0.75	7P	13.5±0.6	295.6
M0628416185041613BK	0.1	8P	8.2±0.4	285.0
M0628416187041613BK	0.14	8P	8.6±0.6	105.0
M0628416188041613BK	0.2	8P	9.2±0.6	124.4
M0628416190041613BK	0.25	8P	9.7±0.6	144.2
M0628416191041613BK	0.3	8P	10.3±0.6	164.7
M0628416194041613BK	0.4	8P	11.1±0.6	194.6
M0628416195041613BK	0.5	8P	12.5±0.6	237.6
M0638416196041613BK	0.75	8P	14.6±0.8	334.4
M0628418199041613BK	0.1	9P	8.7±0.6	103.9
M0628418201041613BK	0.14	9P	9.1±0.6	119.9
M0628418202041613BK	0.2	9P	10.1±0.6	151.7
M0628418204041613BK	0.25	9P	10.5±0.6	170.7
M0628418205041613BK	0.3	9P	10.9±0.6	188.3
M0628418208041613BK	0.4	9P	12±0.6	230.4
M0628418209041613BK	0.5	9P	13.3±0.6	273.6

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0638418210041613BK	0.75	9P	15.8±0.8	397.6
M0628420213041613BK	0.1	10P	9.5±0.6	126.6
M0628420215041613BK	0.14	10P	10.2±0.6	151.4
M0628420216041613BK	0.2	10P	10.8±0.6	174.4
M0628420218041613BK	0.25	10P	11.3±0.6	195.4
M0628420219041613BK	0.3	10P	12±0.6	221.9
M0628420222041613BK	0.4	10P	13.1±0.6	271.2
M0628420223041613BK	0.5	10P	14.9±0.8	340.5
M0638420224041613BK	0.75	10P	17.2±0.8	476.7
M0628422227041613BK	0.1	11P	9±0.6	107.4
M0628422229041613BK	0.14	11P	9.6±0.6	129.2
M0628422230041613BK	0.2	11P	10.5±0.6	159.6
M0628422232041613BK	0.25	11P	10.8±0.6	173.6
M0628422233041613BK	0.3	11P	11.3±0.6	193.7
M0628422236041613BK	0.4	11P	12.5±0.6	242.5
M0628422237041613BK	0.5	11P	14.2±0.8	301.3
M0638422238041613BK	0.75	11P	16.4±0.8	420.9
M0628424241041613BK	0.1	12P	9±0.6	106.2
M0628424243041613BK	0.14	12P	9.6±0.6	128.0
M0628424244041613BK	0.2	12P	10.5±0.6	158.6
M0628424246041613BK	0.25	12P	10.8±0.6	173.2
M0628424247041613BK	0.3	12P	11.3±0.6	193.9
M0628424250041613BK	0.4	12P	12.5±0.6	243.1
M0628424251041613BK	0.5	12P	14.2±0.8	300.8
M0638424252041613BK	0.75	12P	16.4±0.8	420.2
M0628426255041613BK	0.1	13P	9.5±0.6	123.2
M0628426257041613BK	0.14	13P	10.2±0.6	147.8
M0628426258041613BK	0.2	13P	10.8±0.6	171.8
M0628426260041613BK	0.25	13P	11.3±0.6	194.4
M0628426261041613BK	0.3	13P	12±0.6	222.7
M0628426264041613BK	0.4	13P	13.1±0.6	273.1
M0628426265041613BK	0.5	13P	14.9±0.8	339.3
M0638426266041613BK	0.75	13P	17.2±0.8	475.2
M0628428269041613BK	0.1	14P	9.5±0.6	121.2
M0628428271041613BK	0.14	14P	10.2±0.6	145.7
M0628428272041613BK	0.2	14P	10.8±0.6	169.9
M0628428274041613BK	0.25	14P	11.3±0.6	193.0
M0628428275041613BK	0.3	14P	12±0.6	221.6
M0628428278041613BK	0.4	14P	13.1±0.6	272.2
M0628428279041613BK	0.5	14P	14.9±0.8	336.6
M0638428280041613BK	0.75	14P	17.2±0.8	471.2
M0628430283041613BK	0.1	15P	10.1±0.4	140.3
M0628430285041613BK	0.14	15P	10.7±0.6	164.1
M0628430286041613BK	0.2	15P	11.3±0.6	191.0
M0628430288041613BK	0.25	15P	12.1±0.6	223.6
M0628430289041613BK	0.3	15P	12.6±0.6	249.1
M0628430292041613BK	0.4	15P	14±0.8	318.2
M0628430293041613BK	0.5	15P	15.9±0.8	397.2
M0638430294041613BK	0.75	15P	18.1±0.8	534.4
M0628432297041613BK	0.1	16P	10.1±0.6	139.0
M0628432299041613BK	0.14	16P	10.7±0.6	162.8
M0628432300041613BK	0.2	16P	11.3±0.6	190.0
M0628432302041613BK	0.25	16P	12.1±0.6	223.1
M0628432303041613BK	0.3	16P	12.6±0.6	249.3
M0628432306041613BK	0.4	16P	14±0.8	318.7

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0628432307041613BK	0.5	16P	15.9±0.8	396.5
M0638432308041613BK	0.75	16P	18.1±0.8	532.9
M0628434311041613BK	0.1	17P	10.6±0.6	149.1
M0628434313041613BK	0.14	17P	11.1±0.6	169.0
M0628434314041613BK	0.2	17P	12.1±0.6	209.8
M0628434316041613BK	0.25	17P	12.6±0.6	237.4
M0628434317041613BK	0.3	17P	13.2±0.6	266.5
M0628434320041613BK	0.4	17P	14.7±0.8	341.3
M0628434321041613BK	0.5	17P	16.5±0.8	417.0

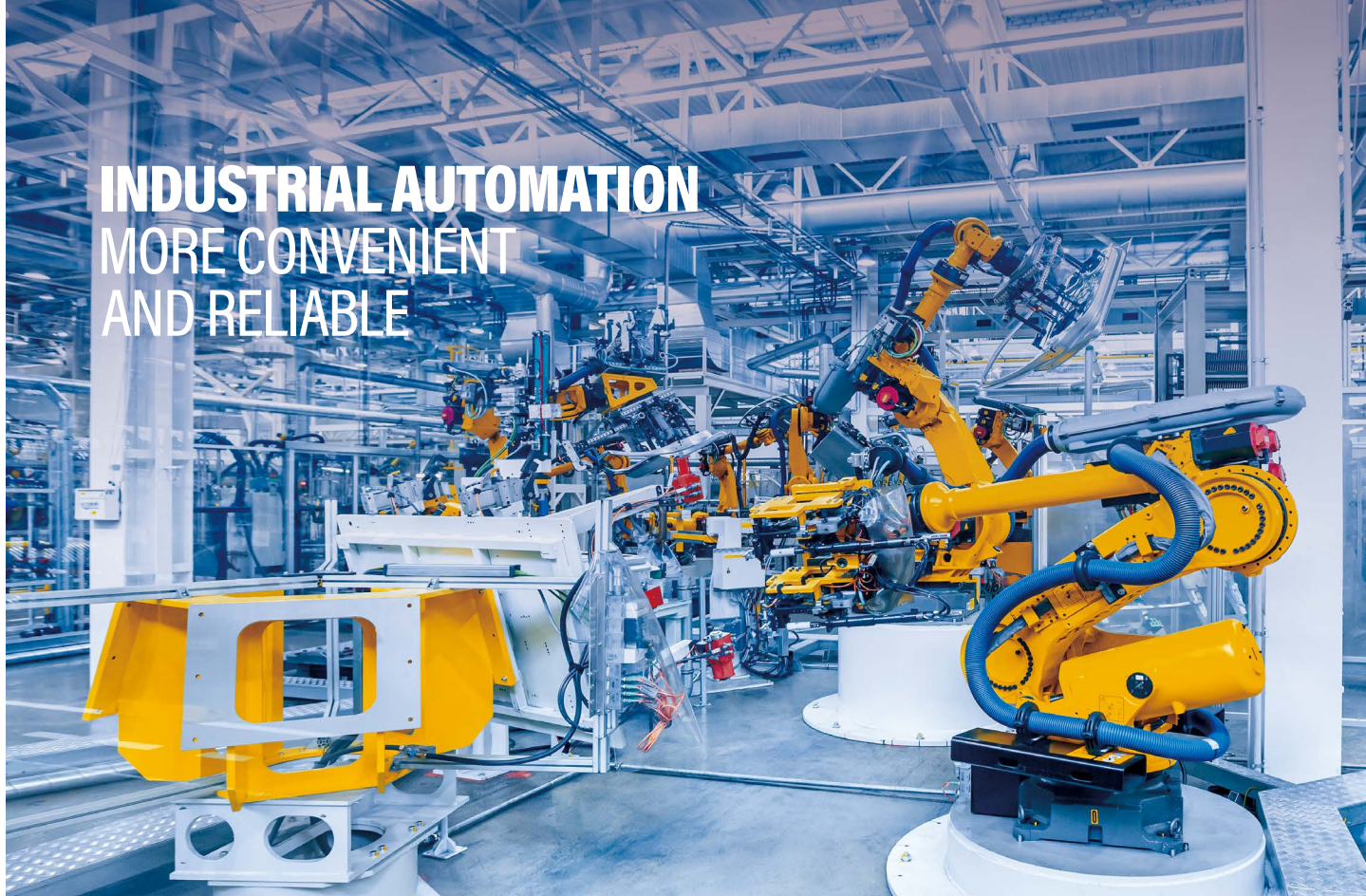
Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
M0638434322041613BK	0.75	17P	19.4±0.8	601.6
M0628436325041613BK	0.1	18P	10.6±0.6	153.8
M0628436327041613BK	0.14	18P	11.1±0.6	175.1
M0628436328041613BK	0.2	18P	12.1±0.6	217.9
M0628436330041613BK	0.25	18P	12.6±0.6	246.7
M0628436331041613BK	0.3	18P	13.2±0.6	277.1
M0628436334041613BK	0.4	18P	14.7±0.8	355.2
M0628436335041613BK	0.5	18P	16.5±0.8	433.9
M0638436336041613BK	0.75	18P	19.4±0.8	627.4

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

INDUSTRIAL AUTOMATION MORE CONVENIENT AND RELIABLE

5 ROBOTIC CABLES

- R-FLEX-Robotic Unshielded Cables
- R-FLEX-Robot Shielded Cables
- R-FLEX-Robot Pair-twisted Shielded Cables



R-FLEX-Robotic Unshielded Cables

FEYNMAN CABLE Ningbo Feynman Cable CO.,LTD R-FLEX

Highlights

- High Flexibility Drag Chain, Torsion Resistance, Bending Resistance for industrial robotic cables
- The outer sheath with durability under harsh condition
- UV resistant, excellent weather resistance, cold resistance and high oil resistance
- Withstands high mechanical stresses

Application Range

- Suitable for robotic automation system,
- industrial machinery and machine tools,
- automotive industry,
- logistics handling equipment,
- spraying equipment,
- articulated arm robot and other robots with high requirements for anti-bending,
- anti-torsion,
- anti-slip performance,
- as well as automated handling equipment.

Standards/Certification

- Drag Chain conform to UL Standards:
E531888-UL-758 (Optional)
CCC5023&8734 (Optional)

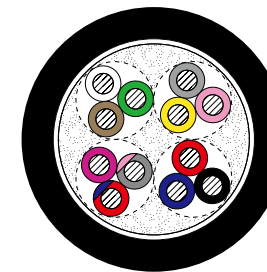
Product Structure

- Conductor:
Extra fine wire stranded tinned copper
- Insulation:
Special Elastomer Insulation, thinner and flexible
- Core identification code:
Cores stranded in pairs, Pairs stranded in layers
- Outer sheath:
Special TPU, flexible and abrasion resistance
- Product Reference Standard:
UL758、Corporate Standards
- Color of core wire and outer sheath:
Per customer' s requirement
- Material of wire and outer sheath:
Per customer' s requirement

Properties

- Mechanical properties:
Travel length: acceleration 30m/S²
- Bending cycle:
88 times/min/m, >15 million times
- Torsion stress:
Flexible: 0.5m
Torsion angle up to $\pm 180^\circ$
Speed 180° /s"
- properties:
Special material compound, flexible and abrasion resistance

cross section



Technical Data

- **Core identification code**
 - with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

- **Conductor stranding**
 - Confirm to UL Standard
 - E531888-UL-758-1

- **Rated Voltage**
 - U0/U ≤ 0.5mm²:
300V R-FLEX33XXXXX
 - > 0.5mm²:
600V R-FLEX63XXXXX

- **Bending Cycles and Operation Parameters**
 - Torsional stress
 - Travel Lengths: 88 times/min/m
Acceleration 30m/s²
 - Bending times more than 15 million times
 - Torsional application Flexible: 0.5m
 - Torsion angle up to $\pm 180^\circ$
 - Speed 180° /s"

- **Minimum bending radius**
 - Flexing: 10D(Cable O.D.)
 - Fixed installation: 8D(Cable O.D.)

- **Temperature Range**
 - -30°C ~ + 80°C

- **Flammability**
 - GB/T18380
 - VW-1 (optional)

- **Good Mechanical Properties**
 - Flexible、Abrasion resistance、Torsional resistance、Bending resistance

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0189402002001513BK	0.10	2	4.1±0.4	20.68
N0189402004001513BK	0.14	2	4.3±0.4	23.09
N0189402005001513BK	0.20	2	4.5±0.4	26.15
N0189402007001513BK	0.25	2	4.6±0.4	28.16
N0189402008001513BK	0.30	2	4.8±0.4	30.89
N0189402009001513BK	0.34	2	4.9±0.4	32.58
N0189402011001513BK	0.40	2	5.1±0.4	35.99
N0189402012001513BK	0.50	2	5.3±0.4	39.92
N0449402013001513BK	0.75	2	5.9±0.4	54.4
N0449402014001513BK	1.00	2	6.3±0.4	64.73
N0449402015001513BK	1.25	2	6.7±0.4	75.1
N0449402016001513BK	1.50	2	7±0.4	84.78
N0189403002001513BK	0.10	3	4.2±0.4	22.53
N0189403004001513BK	0.14	3	4.4±0.4	25.34
N0189403005001513BK	0.20	3	4.7±0.4	29.71
N0189403007001513BK	0.25	3	4.8±0.4	32.24
N0189403008001513BK	0.30	3	5±0.4	35.51
N0189403009001513BK	0.34	3	5.1±0.4	37.62
N0189403011001513BK	0.40	3	5.3±0.4	41.7
N0189403012001513BK	0.50	3	5.5±0.4	46.64
N0449403013001513BK	0.75	3	6.2±0.4	64.31
N0449403014001513BK	1.00	3	6.7±0.4	77.95
N0449403015001513BK	1.25	3	7±0.4	90.02
N0449403016001513BK	1.50	3	7.4±0.4	103.11
N0189404002001513BK	0.10	4	4.5±0.4	26.06
N0189404004001513BK	0.14	4	4.7±0.4	29.37
N0189404005001513BK	0.20	4	5±0.4	34.52
N0189404007001513BK	0.25	4	5.1±0.4	37.65
N0189404008001513BK	0.30	4	5.3±0.4	41.55
N0189404009001513BK	0.34	4	5.4±0.4	44.12
N0189404011001513BK	0.40	4	5.7±0.4	50.16
N0189404012001513BK	0.50	4	5.9±0.4	56.28
N0449404013001513BK	0.75	4	6.7±0.4	78.15
N0449404014001513BK	1.00	4	7.2±0.4	94.99
N0449404015001513BK	1.25	4	7.6±0.4	110.99
N0449404016001513BK	1.50	4	8±0.6	127.24
N0189405002001513BK	0.10	5	4.8±0.4	30.25
N0189405004001513BK	0.14	5	5±0.4	34.28
N0189405005001513BK	0.20	5	5.3±0.4	40.42
N0189405007001513BK	0.25	5	5.5±0.4	44.92
N0189405008001513BK	0.30	5	5.7±0.4	49.68
N0189405009001513BK	0.34	5	5.8±0.4	52.73
N0189405011001513BK	0.40	5	6.2±0.4	60.34
N0189405012001513BK	0.50	5	6.4±0.4	67.88
N0449405013001513BK	0.75	5	7.2±0.4	93.74
N0449405014001513BK	1.00	5	7.8±0.4	114.68
N0449405015001513BK	1.25	5	8.3±0.6	134.99
N0449405016001513BK	1.50	5	8.7±0.6	154.95
N0189406002001513BK	0.10	6	5.1±0.4	34.77
N0189406004001513BK	0.14	6	5.3±0.4	37.41
N0189406005001513BK	0.20	6	5.7±0.4	47.27
N0189406007001513BK	0.25	6	5.9±0.4	52.71
N0189406008001513BK	0.30	6	6.1±0.4	58.26
N0189406009001513BK	0.34	6	6.2±0.4	61.8
N0189406011001513BK	0.40	6	6.6±0.4	70.54

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0189406012001513BK	0.50	6	6.9±0.4	80.28
N0449406013001513BK	0.75	6	7.8±0.4	111.43
N0449406014001513BK	1.00	6	8.4±0.6	136.35
N0449406015001513BK	1.25	6	9±0.6	161.55
N0449406016001513BK	1.50	6	9.5±0.6	186.14
N0189407002001513BK	0.10	7	5.4±0.4	39.02
N0189407004001513BK	0.14	7	5.6±0.4	44.23
N0189407005001513BK	0.20	7	6±0.4	53.05
N0189407007001513BK	0.25	7	6.3±0.4	59.98
N0189407008001513BK	0.30	7	6.5±0.4	66.26
N0189407009001513BK	0.34	7	6.6±0.4	70.3
N0189407011001513BK	0.40	7	7±0.4	80.14
N0189407012001513BK	0.50	7	7.3±0.4	91.21
N0449407013001513BK	0.75	7	8.4±0.6	128.19
N0449407014001513BK	1.00	7	9.1±0.6	157.71
N0449407015001513BK	1.25	7	9.7±0.6	186.39
N0449407016001513BK	1.50	7	10.4±0.6	219.29
N0189408002001513BK	0.10	8	5.7±0.4	43.73
N0189408004001513BK	0.14	8	5.9±0.4	49.83
N0189408005001513BK	0.20	8	6.4±0.4	60.75
N0189408007001513BK	0.25	8	6.6±0.4	67.36
N0189408008001513BK	0.30	8	6.9±0.4	75.52
N0189408009001513BK	0.34	8	7±0.4	80.15
N0189408011001513BK	0.40	8	7.5±0.4	92.37
N0189408012001513BK	0.50	8	7.8±0.4	105.19
N0449408013001513BK	0.75	8	8.9±0.6	146.98
N0449408014001513BK	1.00	8	9.7±0.6	181.24
N0449408015001513BK	1.25	8	10.6±0.6	219.7
N0449408016001513BK	1.50	8	11.2±0.6	254.18
N0189409002001513BK	0.10	9	6±0.4	49.4
N0189409004001513BK	0.14	9	6.3±0.4	57.04
N0189409005001513BK	0.20	9	6.7±0.4	68.28
N0189409007001513BK	0.25	9	7±0.4	77.29
N0189409008001513BK	0.30	9	7.3±0.4	85.66
N0189409009001513BK	0.34	9	7.5±0.4	92.5
N0189409011001513BK	0.40	9	8±0.4	106.2
N0189409012001513BK	0.50	9	8.3±0.6	120.65
N0449409013001513BK	0.75	9	9.5±0.6	168.42
N0449409014001513BK	1.00	9	10.6±0.6	213.94
N0449409015001513BK	1.25	9	11.3±0.6	253.26
N0449409016001513BK	1.50	9	12.1±0.6	297.56
N0189410002001513BK	0.10	10	6.3±0.4	55.75
N0189410004001513BK	0.14	10	6.6±0.4	64.38
N0189410005001513BK	0.20	10	7.1±0.4	77.89
N0189410007001513BK	0.25	10	7.4±0.4	87.94
N0189410008001513BK	0.30	10	7.7±0.4	98.36
N0189410009001513BK	0.34	10	7.9±0.4	105
N0189410011001513BK	0.40	10	8.4±0.6	120.35
N0189410012001513BK	0.50	10	8.8±0.6	137.63
N0449410013001513BK	0.75	10	10.3±0.6	198.33
N0449410014001513BK	1.00	10	11.2±0.6	244.49
N0449410015001513BK	1.25	10	12.2±0.6	295.88
N0449410016001513BK	1.50	10	12.9±0.6	341.49
N0189411002001513BK	0.10	11	6.5±0.4	61
N0189411004001513BK	0.14	11	6.9±0.4	71.25

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0189411005001513BK	0.20	11	7.4±0.4	86.33
N0189411007001513BK	0.25	11	7.8±0.4	98.28
N0189411008001513BK	0.30	11	8.1±0.6	109.47
N0189411009001513BK	0.34	11	8.3±0.6	117.39
N0189411011001513BK	0.40	11	8.9±0.6	135.78
N0189411012001513BK	0.50	11	9.3±0.6	154.99
N0449411013001513BK	0.75	11	10.9±0.6	220.05
N0449411014001513BK	1.00	11	12±0.6	276.47
N0449411015001513BK	1.25	11	12.8±0.6	327
N0449411016001513BK	1.50	11	13.6±0.6	378.51
N0189412002001513BK	0.10	12	6.5±0.4	61.85
N0189412004001513BK	0.14	12	6.9±0.4	72.39
N0189412005001513BK	0.20	12	7.4±0.4	88.01
N0189412007001513BK	0.25	12	7.8±0.4	100.32
N0189412008001513BK	0.30	12	8.1±0.6	111.85
N0189412009001513BK	0.34	12	8.3±0.6	120.25
N0189412011001513BK	0.40	12	8.9±0.6	139.22
N0189412012001513BK	0.50	12	9.3±0.6	159.27
N0449412013001513BK	0.75	12	10.9±0.6	226.47
N0449412014001513BK	1.00	12	12±0.6	285.09
N0449412015001513BK	1.25	12	12.8±0.6	337.71
N0449412016001513BK	1.50	12	13.6±0.6	391.24
N0189413002001513BK	0.10	13	7.1±0.4	71.66
N0189413004001513BK	0.14	13	7.5±0.4	83.49
N0189413005001513BK	0.20	13	8.1±0.6	101.93
N0189413007001513BK	0.25	13	8.4±0.6	114.74
N0189413008001513BK	0.30	13	8.8±0.6	128.86
N0189413009001513BK	0.34	13	9±0.6	138.07
N0189413011001513BK	0.40	13	9.6±0.6	159.13
N0189413012001513BK	0.50	13	10.3±0.6	187.46
N0449413013001513BK	0.75	13	12.1±0.6	265.98
N0449413014001513BK	1.00	13	13.1±0.6	327.34
N0449413015001513BK	1.25	13	14.2±0.8	394.64
N0449413016001513BK	1.50	13	15.1±0.8	456.9
N0189414002001513BK	0.10	14	7.1±0.4	72.51
N0189414004001513BK	0.14	14	7.5±0.4	84.63
N0189414005001513BK	0.20	14	8.1±0.6	103.61
N0189414007001513BK	0.25	14	8.4±0.6	116.78
N0189414008001513BK	0.30	14	8.8±0.6	131.24
N0189414009001513BK	0.34	14	9±0.6	140.93
N0189414011001513BK	0.40	14	9.6±0.6	162.57
N0189414012001513BK	0.50	14	10.3±0.6	191.75
N0449414013001513BK	0.75	14	12.1±0.6	272.4
N0449414014001513BK	1.00	14	13.1±0.6	335.96
N0449414015001513BK	1.25	14	14.2±0.8	405.35
N0449414016001513BK	1.50	14	15.1±0.8	469.63
N0189415002001513BK	0.10	15	7.1±0.4	73.36
N0189415004001513BK	0.14	15	7.5±0.4	85.76
N0189415005001513BK	0.20	15	8.1±0.6	105.29
N0189415007001513BK	0.25	15	8.4±0.6	118.82
N0189415008001513BK	0.30	15	8.8±0.6	133.62
N0189415009001513BK	0.34	15	9±0.6	143.79
N0189415011001513BK	0.40	15	9.6±0.6	166
N0189415012001513BK	0.50	15	10.3±0.6	196.03
N0449415013001513BK	0.75	15	12.1±0.6	278.83

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0449415014001513BK	1.00	15	13.1±0.6	344.58
N0449415015001513BK	1.25	15	14.2±0.8	416.07
N0449415016001513BK	1.50	15	15.1±0.8	482.37
N0189416002001513BK	0.10	16	7.8±0.4	88.63
N0189416004001513BK	0.14	16	8.3±0.6	103.93
N0189416005001513BK	0.20	16	9±0.6	127.64
N0189416007001513BK	0.25	16	9.4±0.6	144.42
N0189416008001513BK	0.30	16	10±0.6	166.26
N0189416009001513BK	0.34	16	10.2±0.6	177.85
N0189416011001513BK	0.40	16	11±0.6	209.06
N0189416012001513BK	0.50	16	11.5±0.6	238.81
N0449416013001513BK	0.75	16	13.5±0.6	339.17
N0449416014001513BK	1.00	16	14.9±0.8	426.48
N0449416015001513BK	1.25	16	16.2±0.8	513.27
N0449416016001513BK	1.50	16	17±0.8	584.91
N0189417002001513BK	0.10	17	7.6±0.4	84.05
N0189417004001513BK	0.14	17	8.1±0.6	99.14
N0189417005001513BK	0.20	17	8.7±0.6	121.32
N0189417007001513BK	0.25	17	9.1±0.6	137.85
N0189417008001513BK	0.30	17	9.5±0.6	154.77
N0189417009001513BK	0.34	17	10±0.6	171.89
N0189417011001513BK	0.40	17	10.7±0.6	198.8
N0189417012001513BK	0.50	17	11.2±0.6	227.66
N0449417013001513BK	0.75	17	13.1±0.6	323.26
N0449417014001513BK	1.00	17	14.5±0.8	408.07
N0449417015001513BK	1.25	17	15.5±0.8	484.08
N0449417016001513BK	1.50	17	16.5±0.8	561.77
N0189418002001513BK	0.10	18	7.6±0.4	84.89
N0189418004001513BK	0.14	18	8.1±0.6	100.28
N0189418005001513BK	0.20	18	8.7±0.6	123
N0189418007001513BK	0.25	18	9.1±0.6	139.89
N0189418008001513BK	0.30	18	9.5±0.6	157.15
N0189418009001513BK	0.34	18	10±0.6	174.75
N0189418011001513BK	0.40	18	10.7±0.6	202.23
N0189418012001513BK	0.50	18	11.2±0.6	231.95
N0449418013001513BK	0.75	18	13.1±0.6	329.68
N0449418014001513BK	1.00	18	14.5±0.8	416.69
N0449418015001513BK	1.25	18	15.5±0.8	494.8
N0449418016001513BK	1.50	18	16.5±0.8	574.51
N0189419002001513BK	0.10	19	8.5±0.6	104.42
N0189419004001513BK	0.14	19	9±0.6	122.15
N0189419005001513BK	0.20	19	10±0.6	155.33
N0189419007001513BK	0.25	19	10.4±0.6	175.22
N0189419008001513BK	0.30	19	10.9±0.6	196.8
N0189419009001513BK	0.34	19	11.2±0.6	211.52
N0189419011001513BK	0.40	19	12.2±0.6	257.78
N0189419012001513BK	0.50	19	12.8±0.6	294.46
N0449419013001513BK	0.75	19	15±0.8	417.38
N0449419014001513BK	1.00	19	16.4±0.8	517.52
N0449419015001513BK	1.25	19	17.6±0.8	613.6
N0449419016001513BK	1.50	19	18.9±0.8	717.88
N0189420002001513BK	0.10	20	8.5±0.6	105.27
N0189420004001513BK	0.14	20	9±0.6	123.28
N0189420005001513BK	0.20	20	10±0.6	157.01
N0189420007001513BK	0.25	20	10.4±0.6	177.26

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0189420008001513BK	0.30	20	10.9±0.6	199.18
N0189420009001513BK	0.34	20	11.1±0.6	214.37
N0189420011001513BK	0.40	20	12.2±0.6	261.21
N0189420012001513BK	0.50	20	12.8±0.6	298.75
N0449420013001513BK	0.75	20	15±0.8	423.8
N0449420014001513BK	1.00	20	16.4±0.8	526.14
N0449420015001513BK	1.25	20	17.6±0.8	624.31
N0449420016001513BK	1.50	20	18.9±0.8	730.62
N0189421002001513BK	0.10	21	8.2±0.6	98.29
N0189421004001513BK	0.14	21	8.7±0.6	115.77
N0189421005001513BK	0.20	21	9.4±0.6	142.89
N0189421007001513BK	0.25	21	10±0.6	166.94
N0189421008001513BK	0.30	21	10.5±0.6	188.11
N0189421009001513BK	0.34	21	10.7±0.6	201.87
N0189421011001513BK	0.40	21	11.5±0.6	234.45
N0189421012001513BK	0.50	21	12.3±0.6	275.87
N0449421013001513BK	0.75	21	14.4±0.8	391.8
N0449421014001513BK	1.00	21	15.9±0.8	493.68
N0449421015001513BK	1.25	21	16.8±0.8	578.3
N0449421016001513BK	1.50	21	17.9±0.8	671.84
N0189422002001513BK	0.10	22	9.2±0.6	115.66
N0189422004001513BK	0.14	22	9.7±0.6	135.07
N0189422005001513BK	0.20	22	10.8±0.6	172.28
N0189422007001513BK	0.25	22	11.3±0.6	195.4
N0189422008001513BK	0.30	22	12±0.6	224.72
N0189422009001513BK	0.34	22	12.3±0.6	240.99
N0189422011001513BK	0.40	22	13.3±0.6	293.93
N0189422012001513BK	0.50	22	14.1±0.8	342.14
N0449422013001513BK	0.75	22	16.4±0.8	473.69
N0449422014001513BK	1.00	22	17.9±0.8	582.45
N0449422015001513BK	1.25	22	19.4±0.8	696.78
N0449422016001513BK	1.50	22	20.8±1	812.73
N0189423002001513BK	0.10	23	9.2±0.6	116.51
N0189423004001513BK	0.14	23	9.7±0.6	136.2
N0189423005001513BK	0.20	23	10.8±0.6	173.96
N0189423007001513BK	0.25	23	11.3±0.6	197.44
N0189423008001513BK	0.30	23	12±0.6	227.09
N0189423009001513BK	0.34	23	12.3±0.6	243.84
N0189423011001513BK	0.40	23	13.3±0.6	297.36
N0189423012001513BK	0.50	23	14.1±0.8	346.43
N0449423013001513BK	0.75	23	16.4±0.8	480.11
N0449423014001513BK	1.00	23	17.9±0.8	591.06
N0449423015001513BK	1.25	23	19.4±0.8	707.49
N0449423016001513BK	1.50	23	20.8±1	825.47
N0189424002001513BK	0.10	24	9.2±0.6	117.36
N0189424004001513BK	0.14	24	9.7±0.6	137.34
N0189424005001513BK	0.20	24	10.8±0.6	175.64
N0189424007001513BK	0.25	24	11.3±0.6	199.48
N0189424008001513BK	0.30	24	12±0.6	229.47
N0189424009001513BK	0.34	24	12.3±0.6	246.7
N0189424011001513BK	0.40	24	13.3±0.6	300.8
N0189424012001513BK	0.50	24	14.1±0.8	350.71
N0449424013001513BK	0.75	24	16.4±0.8	486.53
N0449424014001513BK	1.00	24	17.9±0.8	599.68
N0449424015001513BK	1.25	24	19.4±0.8	718.21

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0449424016001513BK	1.50	24	20.8±1	838.21
N0189425002001513BK	0.10	25	9.2±0.6	129.26
N0189425004001513BK	0.14	25	10±0.6	157.37
N0189425005001513BK	0.20	25	10.9±0.6	194.89
N0189425007001513BK	0.25	25	11.4±0.6	221.19
N0189425008001513BK	0.30	25	12.1±0.6	253.56
N0189425009001513BK	0.34	25	12.4±0.6	272.54
N0189425011001513BK	0.40	25	13.4±0.6	318.47
N0189425012001513BK	0.50	25	14.2±0.8	370.24
N0449425013001513BK	0.75	25	16.4±0.8	486.53
N0449425014001513BK	1.00	25	17.9±0.8	599.68
N0449425015001513BK	1.25	25	19.4±0.8	718.21
N0449425016001513BK	1.50	25	20.8±1	838.21
N0189426002001513BK	0.10	26	10.1±0.6	145.93
N0189426004001513BK	0.14	26	10.7±0.6	170.95
N0189426005001513BK	0.20	26	11.9±0.6	217.23
N0189426007001513BK	0.25	26	12.4±0.6	245.39
N0189426008001513BK	0.30	26	13±0.6	275.7
N0189426009001513BK	0.34	26	13.3±0.6	295.37
N0189426011001513BK	0.40	26	14.6±0.8	365.29
N0189426012001513BK	0.50	26	15.3±0.8	417.4
N0449426013001513BK	0.75	26	17.8±0.8	580.2
N0449426014001513BK	1.00	26	19.6±0.8	723.82
N0449426015001513BK	1.25	26	21.3±1	866.59
N0449426016001513BK	1.50	26	22.6±1	999.01
N0189427002001513BK	0.10	27	10.1±0.6	146.78
N0189427004001513BK	0.14	27	10.7±0.6	172.09
N0189427005001513BK	0.20	27	11.9±0.6	218.91
N0189427007001513BK	0.25	27	12.4±0.6	247.43
N0189427008001513BK	0.30	27	13±0.6	278.08
N0189427009001513BK	0.34	27	13.3±0.6	298.23
N0189427011001513BK	0.40	27	14.6±0.8	368.73
N0189427012001513BK	0.50	27	15.3±0.8	421.68
N0449427013001513BK	0.75	27	17.8±0.8	586.62
N0449427014001513BK	1.00	27	19.6±0.8	732.44
N0449427015001513BK	1.25	27	21.3±1	877.3
N0449427016001513BK	1.50	27	22.6±1	1011.75
N0189428002001513BK	0.10	28	10.1±0.6	147.62
N0189428004001513BK	0.14	28	10.7±0.6	173.22
N0189428005001513BK	0.20	28	11.9±0.6	220.59
N0189428007001513BK	0.25	28	12.4±0.6	249.47
N0189428008001513BK	0.30	28	13±0.6	280.45
N0189428009001513BK	0.34	28	13.3±0.6	301.08
N0189428011001513BK	0.40	28	14.6±0.8	372.16
N0189428012001513BK	0.50	28	15.3±0.8	425.97
N0449428013001513BK	0.75	28	17.8±0.8	593.05
N0449428014001513BK	1.00	28	19.6±0.8	741.06
N0449428015001513BK	1.25	28	21.3±1	888.02
N0449428016001513BK	1.50	28	22.6±1	1024.49
N0189429002001513BK	0.10	29	10.1±0.6	148.24
N0189429004001513BK	0.14	29	10.7±0.6	174.21
N0189429005001513BK	0.20	29	11.9±0.6	222.02
N0189429007001513BK	0.25	29	12.4±0.6	251.41
N0189429008001513BK	0.30	29	13±0.6	282.93
N0189429009001513BK	0.34	29	13.3±0.6	303.78

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0189429011001513BK	0.40	29	14.6±0.8	375.22
N0189429012001513BK	0.50	29	15.3±0.8	429.94
N0449429013001513BK	0.75	29	17.8±0.8	581.42
N0449429014001513BK	1.00	29	19.6±0.8	749.13
N0449429015001513BK	1.25	29	21.3±1	898.34
N0449429016001513BK	1.50	29	22.6±1	1037.12
N0189430002001513BK	0.10	30	10.2±0.6	160.39
N0189430004001513BK	0.14	30	10.9±0.6	189.83
N0189430005001513BK	0.20	30	12±0.6	239.62
N0189430007001513BK	0.25	30	12.6±0.6	272.63
N0189430008001513BK	0.30	30	13.2±0.6	306.55
N0189430009001513BK	0.34	30	13.5±0.6	328.94
N0189430011001513BK	0.40	30	14.8±0.8	392.2
N0189430012001513BK	0.50	30	15.5±0.8	446.46
N0449430013001513BK	0.75	30	18±0.8	618.77
N0449430014001513BK	1.00	30	19.9±0.8	774.4
N0449430015001513BK	1.25	30	21.5±1	927.06
N0449430016001513BK	1.50	30	23.1±1	1083.21
N0189431002001513BK	0.10	31	10.8±0.6	167.97
N0189431004001513BK	0.14	31	11.5±0.6	197.9
N0189431005001513BK	0.20	31	12.7±0.6	250.58
N0189431007001513BK	0.25	31	13.4±0.6	285.76
N0189431008001513BK	0.30	31	14.2±0.8	327.32
N0189431009001513BK	0.34	31	14.5±0.8	350.43
N0189431011001513BK	0.40	31	15.9±0.8	438.08
N0189431012001513BK	0.50	31	16.4±0.8	490.71
N0449431013001513BK	0.75	31	19.4±0.8	699.95
N0449431014001513BK	1.00	31	21.4±1	879.61
N0449431015001513BK	1.25	31	23.2±1	1054.52
N0449431016001513BK	1.50	31	24.6±1	1216.24
N0189432002001513BK	0.10	32	10.8±0.6	168.81
N0189432004001513BK	0.14	32	11.5±0.6	199.04
N0189432005001513BK	0.20	32	12.7±0.6	252.26
N0189432007001513BK	0.25	32	13.4±0.6	287.8
N0189432008001513BK	0.30	32	14.2±0.8	329.7
N0189432009001513BK	0.34	32	14.5±0.8	353.29
N0189432011001513BK	0.40	32	15.9±0.8	441.52
N0189432012001513BK	0.50	32	16.4±0.8	495
N0449432013001513BK	0.75	32	19.4±0.8	706.37
N0449432014001513BK	1.00	32	21.4±1	888.23
N0449432015001513BK	1.25	32	23.2±1	1065.24
N0449432016001513BK	1.50	32	24.6±1	1228.98
N0189433002001513BK	0.10	33	11±0.6	183.29
N0189433004001513BK	0.14	33	11.9±0.6	221.83
N0189433005001513BK	0.20	33	13±0.6	274.24
N0189433007001513BK	0.25	33	13.6±0.6	311.29
N0189433008001513BK	0.30	33	14.5±0.8	357.66
N0189433009001513BK	0.34	33	14.8±0.8	382.49
N0189433011001513BK	0.40	33	16.2±0.8	455.25
N0189433012001513BK	0.50	33	16.8±0.8	510.24
N0449433013001513BK	0.75	33	19.7±0.8	717.55

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0449433014001513BK	1.00	33	21.8±1	897.29
N0449433015001513BK	1.25	33	23.6±1	1074.33
N0449433016001513BK	1.50	33	25.3±1.2	1253.24
N0189434002001513BK	0.10	34	11±0.6	184.13
N0189434004001513BK	0.14	34	11.9±0.6	222.96
N0189434005001513BK	0.20	34	13±0.6	275.92
N0189434007001513BK	0.25	34	13.6±0.6	313.33
N0189434008001513BK	0.30	34	14.5±0.8	360.03
N0189434009001513BK	0.34	34	14.8±0.8	385.35
N0189434011001513BK	0.40	34	16.2±0.8	458.69
N0189434012001513BK	0.50	34	16.8±0.8	514.53
N0449434013001513BK	0.75	34	19.7±0.8	723.97
N0449434014001513BK	1.00	34	21.8±1	905.9
N0449434015001513BK	1.25	34	23.6±1	1085.04
N0449434016001513BK	1.50	34	25.3±1.2	1265.98
N0189435002001513BK	0.10	35	11±0.6	184.98
N0189435004001513BK	0.14	35	11.9±0.6	224.1
N0189435005001513BK	0.20	35	13±0.6	277.6
N0189435007001513BK	0.25	35	13.6±0.6	315.37
N0189435008001513BK	0.30	35	14.5±0.8	362.41
N0189435009001513BK	0.34	35	14.8±0.8	388.2
N0189435011001513BK	0.40	35	16.2±0.8	462.13
N0189435012001513BK	0.50	35	16.8±0.8	518.81
N0449435013001513BK	0.75	35	19.7±0.8	730.39
N0449435014001513BK	1.00	35	21.8±1	914.52
N0449435015001513BK	1.25	35	23.6±1	1095.76
N0449435016001513BK	1.50	35	25.3±1.2	1278.71
N0189436002001513BK	0.10	36	11.1±0.6	190.93
N0189436004001513BK	0.14	36	12±0.6	230.79
N0189436005001513BK	0.20	36	13.1±0.6	286.69
N0189436007001513BK	0.25	36	13.9±0.6	331.99
N0189436008001513BK	0.30	36	14.5±0.8	372.03
N0189436009001513BK	0.34	36	14.9±0.8	400.01
N0189436011001513BK	0.40	36	16.3±0.8	472.05
N0189436012001513BK	0.50	36	16.9±0.8	530.63
N0449436013001513BK	0.75	36	19.9±0.8	748.7
N0449436014001513BK	1.00	36	22±1	938.18
N0449436015001513BK	1.25	36	23.8±1	1123.31
N0449436016001513BK	1.50	36	25.5±1.2	1310.56
N0189437002001513BK	0.10	37	12±0.6	218.06
N0189437004001513BK	0.14	37	12.8±0.6	256.7
N0189437005001513BK	0.20	37	14.2±0.8	325.79
N0189437007001513BK	0.25	37	14.9±0.8	369.29
N0189437008001513BK	0.30	37	15.5±0.8	412.54
N0189437009001513BK	0.34	37	16.1±0.8	450.53
N0189437011001513BK	0.40	37	17.2±0.8	519.54
N0189437012001513BK	0.50	37	18.1±0.8	594.01
N0449437013001513BK	0.75	37	21.5±1	856.46
N0449437014001513BK	1.00	37	23.7±1	1072.48
N0449437015001513BK	1.25	37	25.7±1.2	1280.49
N0449437016001513BK	1.50	37	27.6±1.2	1488.25

R-FLEX-Robot Shielded Cables



Highlights

- High Flexibility Drag Chain, Torsion Resistance, Bending Resistance for industrial robotic cables
- The outer sheath with durability under harsh condition
- UV resistant, excellent weather resistance, cold resistance and high oil resistance
- Withstands high mechanical stresses

Application Range

- Suitable for robotic automation system、
- industrial machinery and machine tools、
- automotive industry、
- logistics handling equipment、
- spraying equipment、
- articulated arm robot and other robots with high requirements for anti-bending、
- anti-torsion、
- anti-slip performance、
- as well as automated handling equipment.

Standards/Certification

- Drag Chain conform to UL Standards：E531888-UL-758 （Optional）CCC5023&8734 （Optional）

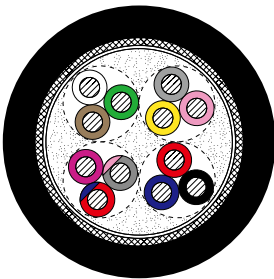
Product Structure

- Conductor：Extra fine wire stranded tinned copper
- Insulation：Special Elastomer Insulation, thinner and flexible
- Braiding: Tinned copper braiding shielding enhances anti-interference
- Outer sheath：Special TPU, flexible and abrasion resistance
- Product Reference Standard: UL758、Corporate Standards
- Color of core wire and outer sheath：Per customer' s requirement
- Material of wire and outer sheath: Per customer' s requirement

Properties

- Mechanical properties: Travel length: acceleration 30m/S²
- Bending cycle: 88 times/min/m, >15 million times
- Torsion stress: Flexible: 0.5m Torsion angle up to ±180° Speed 180° /s"
- properties: Special material compound, flexible and abrasion resistance

cross section



Technical Data

- Core identification code**
- with up to 5mm². acc.to FM standards
 - more than 5mm²: Different cores with white numbers
 - Or per customer' s requirement

- Conductor stranding**
- Confirm to UL Standard
 - E531888-UL-758-1

- Rated Voltage**
- U0/U ≤ 0.5mm²: 300V R-FLEX33XXXXX > 0.5mm²: 600V R-FLEX63XXXXX

- Bending Cycles and Operation Parameters**
- Torsional stress
 - Travel Lengths: 88 times/min/m Acceleration 30m/s²
 - Bending times more than 15 million times
 - Torsional application Flexible: 0.5m
 - Torsion angle up to ±180°
 - Speed 180° /s"

- Minimum bending radius**
- Flexing: 10D(Cable O.D.)
 - Fixed installation: 8D(Cable O.D.)

- Temperature Range**
- -30°C ~ + 80°C

- Flammability**
- GB/T18380
 - VW-1 (optional)

- Good Mechanical Properties**
- Flexible、Abrasion resistance、Torsional resistance、Bending resistance

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0289402002051513BK	0.10	2	4.7±0.4	30.07
N0289402004051513BK	0.14	2	4.9±0.4	32.97
N0289402005051513BK	0.20	2	5.1±0.4	36.66
N0289402007051513BK	0.25	2	5.2±0.4	39.03
N0289402008051513BK	0.30	2	5.4±0.4	42.21
N0289402009051513BK	0.34	2	5.5±0.4	44.13
N0289402011051513BK	0.40	2	5.7±0.4	48.24
N0289402012051513BK	0.50	2	5.9±0.4	52.69
N0549402013051513BK	0.75	2	6.5±0.4	66.15
N0549402014051513BK	1.00	2	6.9±0.4	77.04
N0549402015051513BK	1.25	2	7.3±0.4	87.79
N0549402016051513BK	1.50	2	7.6±0.4	97.84
N0289403002051513BK	0.10	3	4.8±0.4	32.27
N0289403004051513BK	0.14	3	5±0.4	35.6
N0289403005051513BK	0.20	3	5.3±0.4	40.75
N0289403007051513BK	0.25	3	5.4±0.4	43.66
N0289403008051513BK	0.30	3	5.6±0.4	47.39
N0289403009051513BK	0.34	3	5.7±0.4	49.75
N0289403011051513BK	0.40	3	5.9±0.4	54.59
N0289403012051513BK	0.50	3	6.1±0.4	60.07
N0549403013051513BK	0.75	3	6.8±0.4	77.15
N0549403014051513BK	1.00	3	7.3±0.4	91.44
N0549403015051513BK	1.25	3	7.6±0.4	104.13
N0549403016051513BK	1.50	3	8±0.4	117.68
N0289404002051513BK	0.10	4	5.1±0.4	36.57
N0289404004051513BK	0.14	4	5.3±0.4	40.43
N0289404005051513BK	0.20	4	5.6±0.4	46.4
N0289404007051513BK	0.25	4	5.7±0.4	49.97
N0289404008051513BK	0.30	4	5.9±0.4	54.37
N0289404009051513BK	0.34	4	6±0.4	57.22
N0289404011051513BK	0.40	4	6.3±0.4	64.14
N0289404012051513BK	0.50	4	6.5±0.4	70.89
N0549404013051513BK	0.75	4	7.3±0.4	92.35
N0549404014051513BK	1.00	4	7.8±0.4	110.03
N0549404015051513BK	1.25	4	8.2±0.6	126.74
N0549404016051513BK	1.50	4	8.6±0.6	143.61
N0289405002051513BK	0.10	5	5.4±0.4	41.57
N0289405004051513BK	0.14	5	5.6±0.4	46.2
N0289405005051513BK	0.20	5	5.9±0.4	53.24
N0289405007051513BK	0.25	5	6.1±0.4	58.28
N0289405008051513BK	0.30	5	6.3±0.4	63.58
N0289405009051513BK	0.34	5	6.4±0.4	66.94
N0289405011051513BK	0.40	5	6.8±0.4	75.52
N0289405012051513BK	0.50	5	7±0.4	83.76
N0549405013051513BK	0.75	5	7.8±0.4	109.4
N0549405014051513BK	1.00	5	8.4±0.6	131.27
N0549405015051513BK	1.25	5	8.9±0.6	156.14
N0549405016051513BK	1.50	5	9.3±0.6	177.16
N0289406002051513BK	0.10	6	5.7±0.4	46.91
N0289406004051513BK	0.14	6	5.9±0.4	52.21
N0289406005051513BK	0.20	6	6.3±0.4	61.09
N0289406007051513BK	0.25	6	6.5±0.4	67.11
N0289406008051513BK	0.30	6	6.7±0.4	73.26
N0289406009051513BK	0.34	6	6.8±0.4	77.14
N0289406011051513BK	0.40	6	7.2±0.4	86.98

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0289406012051513BK	0.50	6	7.5±0.4	97.45
N0549406013051513BK	0.75	6	8.4±0.6	128.49
N0549406014051513BK	1.00	6	9±0.6	158.45
N0549406015051513BK	1.25	6	9.6±0.6	184.76
N0549406016051513BK	1.50	6	10.3±0.6	210.79
N0289407002051513BK	0.10	7	6±0.4	51.99
N0289407004051513BK	0.14	7	6.2±0.4	57.93
N0289407005051513BK	0.20	7	6.6±0.4	67.88
N0289407007051513BK	0.25	7	6.9±0.4	75.44
N0289407008051513BK	0.30	7	7.1±0.4	82.38
N0289407009051513BK	0.34	7	7.2±0.4	86.81
N0289407011051513BK	0.40	7	7.6±0.4	97.9
N0289407012051513BK	0.50	7	7.9±0.4	109.83
N0549407013051513BK	0.75	7	9±0.6	150.5
N0549407014051513BK	1.00	7	9.7±0.6	177.44
N0549407015051513BK	1.25	7	10.5±0.6	211.98
N0549407016051513BK	1.50	7	11±0.6	241.39
N0289408002051513BK	0.10	8	6.3±0.4	57.52
N0289408004051513BK	0.14	8	6.5±0.4	64.44
N0289408005051513BK	0.20	8	7±0.4	76.59
N0289408007051513BK	0.25	8	7.2±0.4	83.94
N0289408008051513BK	0.30	8	7.5±0.4	92.76
N0289408009051513BK	0.34	8	7.6±0.4	97.87
N0289408011051513BK	0.40	8	8.1±0.6	111.4
N0289408012051513BK	0.50	8	8.4±0.6	125.15
N0549408013051513BK	0.75	8	9.5±0.6	171.23
N0549408014051513BK	1.00	8	10.5±0.6	207.57
N0549408015051513BK	1.25	8	11.2±0.6	242.41
N0549408016051513BK	1.50	8	12±0.6	283.58
N0289409002051513BK	0.10	9	6.6±0.4	64.05
N0289409004051513BK	0.14	9	6.9±0.4	72.57
N0289409005051513BK	0.20	9	7.3±0.4	85.17
N0289409007051513BK	0.25	9	7.6±0.4	94.97
N0289409008051513BK	0.30	9	7.9±0.4	104.08
N0289409009051513BK	0.34	9	8.1±0.6	111.31
N0289409011051513BK	0.40	9	8.6±0.6	126.46
N0289409012051513BK	0.50	9	8.9±0.6	145.77
N0549409013051513BK	0.75	9	10.3±0.6	194.81
N0549409014051513BK	1.00	9	11.2±0.6	237.12
N0549409015051513BK	1.25	9	12.1±0.6	283.37
N0549409016051513BK	1.50	9	12.7±0.6	329.42
N0289410002051513BK	0.10	10	6.9±0.4	71.24
N0289410004051513BK	0.14	10	7.2±0.4	80.85
N0289410005051513BK	0.20	10	7.7±0.4	95.82
N0289410007051513BK	0.25	10	8±0.4	106.68
N0289410008051513BK	0.30	10	8.3±0.6	117.94
N0289410009051513BK	0.34	10	8.5±0.6	125.01
N0289410011051513BK	0.40	10	9±0.6	145.86
N0289410012051513BK	0.50	10	9.4±0.6	164.4
N0549410013051513BK	0.75	10	10.9±0.6	221.65
N0549410014051513BK	1.00	10	12±0.6	275.07
N0549410015051513BK	1.25	10	12.8±0.6	328.17
N0549410016051513BK	1.50	10	13.5±0.6	375.53
N0289411002051513BK	0.10	11	7.1±0.4	75.28
N0289411004051513BK	0.14	11	7.5±0.4	86.17

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0289411005051513BK	0.20	11	8±0.4	102.26
N0289411007051513BK	0.25	11	8.4±0.6	114.62
N0289411008051513BK	0.30	11	8.7±0.6	130
N0289411009051513BK	0.34	11	8.9±0.6	138.31
N0289411011051513BK	0.40	11	9.5±0.6	157.85
N0289411012051513BK	0.50	11	10.1±0.6	178.15
N0549411013051513BK	0.75	11	11.5±0.6	240.43
N0549411014051513BK	1.00	11	12.6±0.6	303.8
N0549411015051513BK	1.25	11	13.4±0.6	355.48
N0549411016051513BK	1.50	11	14.6±0.8	425.58
N0289412002051513BK	0.10	12	7.1±0.4	76.12
N0289412004051513BK	0.14	12	7.5±0.4	87.31
N0289412005051513BK	0.20	12	8±0.4	103.95
N0289412007051513BK	0.25	12	8.4±0.6	116.66
N0289412008051513BK	0.30	12	8.7±0.6	132.38
N0289412009051513BK	0.34	12	8.9±0.6	141.18
N0289412011051513BK	0.40	12	9.5±0.6	161.29
N0289412012051513BK	0.50	12	10.1±0.6	182.44
N0549412013051513BK	0.75	12	11.5±0.6	246.85
N0549412014051513BK	1.00	12	12.7±0.6	312.41
N0549412015051513BK	1.25	12	13.3±0.6	366.2
N0549412016051513BK	1.50	12	14.5±0.8	438.3
N0289413002051513BK	0.10	13	7.6±0.4	87.36
N0289413004051513BK	0.14	13	8±0.6	99.96
N0289413005051513BK	0.20	13	8.7±0.6	123.21
N0289413007051513BK	0.25	13	9.1±0.6	136.91
N0289413008051513BK	0.30	13	9.4±0.6	151.76
N0289413009051513BK	0.34	13	9.6±0.6	161.5
N0289413011051513BK	0.40	13	10.4±0.6	184.41
N0289413012051513BK	0.50	13	10.8±0.6	208.71
N0549413013051513BK	0.75	13	12.8±0.6	295.19
N0549413014051513BK	1.00	13	14±0.8	365.04
N0549413015051513BK	1.25	13	15±0.8	439.1
N0549413016051513BK	1.50	13	16±0.8	510.66
N0289414002051513BK	0.10	14	7.6±0.4	88.2
N0289414004051513BK	0.14	14	8±0.6	101.1
N0289414005051513BK	0.20	14	8.7±0.6	124.9
N0289414007051513BK	0.25	14	9.1±0.6	138.94
N0289414008051513BK	0.30	14	9.4±0.6	154.12
N0289414009051513BK	0.34	14	9.6±0.6	164.36
N0289414011051513BK	0.40	14	10.4±0.6	187.86
N0289414012051513BK	0.50	14	10.8±0.6	213.01
N0549414013051513BK	0.75	14	12.8±0.6	301.6
N0549414014051513BK	1.00	14	14±0.8	373.66
N0549414015051513BK	1.25	14	15±0.8	449.83
N0549414016051513BK	1.50	14	16±0.8	523.4
N0289415002051513BK	0.10	15	7.6±0.4	89.05
N0289415004051513BK	0.14	15	8±0.6	102.23
N0289415005051513BK	0.20	15	8.7±0.6	126.57
N0289415007051513BK	0.25	15	9.1±0.6	140.98
N0289415008051513BK	0.30	15	9.4±0.6	156.5
N0289415009051513BK	0.34	15	9.6±0.6	167.22
N0289415011051513BK	0.40	15	10.4±0.6	191.28
N0289415012051513BK	0.50	15	10.8±0.6	217.29
N0549415013051513BK	0.75	15	12.8±0.6	308.03

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0549415014051513BK	1.00	15	14±0.8	382.28
N0549415015051513BK	1.25	15	15±0.8	460.53
N0549415016051513BK	1.50	15	16±0.8	536.14
N0289416002051513BK	0.10	16	8.4±0.6	104.59
N0289416004051513BK	0.14	16	8.9±0.6	124.23
N0289416005051513BK	0.20	16	9.6±0.6	149.19
N0289416007051513BK	0.25	16	10.1±0.6	167.01
N0289416008051513BK	0.30	16	10.5±0.6	184.82
N0289416009051513BK	0.34	16	10.8±0.6	196.77
N0289416011051513BK	0.40	16	11.5±0.6	228.38
N0289416012051513BK	0.50	16	12.3±0.6	269.78
N0549416013051513BK	0.75	16	14.6±0.8	384.12
N0549416014051513BK	1.00	16	15.9±0.8	474.35
N0549416015051513BK	1.25	16	16.8±0.8	546.99
N0549416016051513BK	1.50	16	18±0.8	649.37
N0289417002051513BK	0.10	17	8.2±0.6	101.27
N0289417004051513BK	0.14	17	8.7±0.6	120.88
N0289417005051513BK	0.20	17	9.4±0.6	144.86
N0289417007051513BK	0.25	17	9.8±0.6	158.1
N0289417008051513BK	0.30	17	10.3±0.6	180.5
N0289417009051513BK	0.34	17	10.5±0.6	193.36
N0289417011051513BK	0.40	17	11.2±0.6	221.59
N0289417012051513BK	0.50	17	11.9±0.6	256.82
N0549417013051513BK	0.75	17	13.9±0.6	362.63
N0549417014051513BK	1.00	17	15.3±0.8	455.02
N0549417015051513BK	1.25	17	16.3±0.8	533.64
N0549417016051513BK	1.50	17	17.5±0.8	635.11
N0289418002051513BK	0.10	18	8.2±0.6	102.12
N0289418004051513BK	0.14	18	8.7±0.6	122.01
N0289418005051513BK	0.20	18	9.4±0.6	146.55
N0289418007051513BK	0.25	18	9.8±0.6	160.15
N0289418008051513BK	0.30	18	10.3±0.6	182.88
N0289418009051513BK	0.34	18	10.5±0.6	196.22
N0289418011051513BK	0.40	18	11.2±0.6	225.02
N0289418012051513BK	0.50	18	11.9±0.6	261.1
N0549418013051513BK	0.75	18	13.9±0.6	369.05
N0549418014051513BK	1.00	18	15.3±0.8	463.64
N0549418015051513BK	1.25	18	16.3±0.8	544.35
N0549418016051513BK	1.50	18	17.5±0.8	647.86
N0289419002051513BK	0.10	19	9.1±0.6	125.97
N0289419004051513BK	0.14	19	9.6±0.6	144.75
N0289419005051513BK	0.20	19	10.5±0.6	175.01
N0289419007051513BK	0.25	19	11±0.6	195.65
N0289419008051513BK	0.30	19	11.4±0.6	217.61
N0289419009051513BK	0.34	19	11.9±0.6	238.08
N0289419011051513BK	0.40	19	12.8±0.6	285.74
N0289419012051513BK	0.50	19	13.4±0.6	323.19
N0549419013051513BK	0.75	19	16.1±0.8	468.32
N0549419014051513BK	1.00	19	17.4±0.8	563.12
N0549419015051513BK	1.25	19	18.5±0.8	692.43
N0549419016051513BK	1.50	19	19.8±0.8	791.13
N0289420002051513BK	0.10	20	9.1±0.6	126.81
N0289420004051513BK	0.14	20	9.6±0.6	145.88
N0289420005051513BK	0.20	20	10.5±0.6	176.69
N0289420007051513BK	0.25	20	11±0.6	197.7

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0289420008051513BK	0.30	20	11.4±0.6	219.99
N0289420009051513BK	0.34	20	11.9±0.6	240.94
N0289420011051513BK	0.40	20	12.8±0.6	289.17
N0289420012051513BK	0.50	20	13.4±0.6	327.47
N0549420013051513BK	0.75	20	16.1±0.8	474.74
N0549420014051513BK	1.00	20	17.4±0.8	571.74
N0549420015051513BK	1.25	20	18.5±0.8	703.14
N0549420016051513BK	1.50	20	19.8±0.8	803.87
N0289421002051513BK	0.10	21	8.8±0.6	120.7
N0289421004051513BK	0.14	21	9.3±0.6	139.44
N0289421005051513BK	0.20	21	10.1±0.6	168.92
N0289421007051513BK	0.25	21	10.6±0.6	189.43
N0289421008051513BK	0.30	21	11±0.6	211.19
N0289421009051513BK	0.34	21	11.3±0.6	225.64
N0289421011051513BK	0.40	21	12.3±0.6	270.9
N0289421012051513BK	0.50	21	12.9±0.6	307.92
N0549421013051513BK	0.75	21	15.3±0.8	439.94
N0549421014051513BK	1.00	21	16.5±0.8	537.94
N0549421015051513BK	1.25	21	17.6±0.8	655.18
N0549421016051513BK	1.50	21	19±0.8	761.54
N0289422002051513BK	0.10	22	10±0.6	139.7
N0289422004051513BK	0.14	22	10.5±0.6	160.42
N0289422005051513BK	0.20	22	11.4±0.6	194.2
N0289422007051513BK	0.25	22	12.1±0.6	223.67
N0289422008051513BK	0.30	22	12.7±0.6	253.96
N0289422009051513BK	0.34	22	13±0.6	270.76
N0289422011051513BK	0.40	22	14.1±0.8	331.42
N0289422012051513BK	0.50	22	14.9±0.8	386
N0549422013051513BK	0.75	22	17.5±0.8	521.91
N0549422014051513BK	1.00	22	19.1±0.8	666.08
N0549422015051513BK	1.25	22	20.1±1	775.61
N0549422016051513BK	1.50	22	21.8±1	895.55
N0289423002051513BK	0.10	23	10±0.6	140.54
N0289423004051513BK	0.14	23	10.5±0.6	161.56
N0289423005051513BK	0.20	23	11.4±0.6	195.89
N0289423007051513BK	0.25	23	12.1±0.6	225.71
N0289423008051513BK	0.30	23	12.7±0.6	256.34
N0289423009051513BK	0.34	23	13±0.6	273.62
N0289423011051513BK	0.40	23	14.1±0.8	334.87
N0289423012051513BK	0.50	23	14.9±0.8	390.3
N0549423013051513BK	0.75	23	17.5±0.8	528.34
N0549423014051513BK	1.00	23	19.1±0.8	674.7
N0549423015051513BK	1.25	23	20.1±1	786.33
N0549423016051513BK	1.50	23	21.8±1	908.29
N0289424002051513BK	0.10	24	10±0.6	141.41
N0289424004051513BK	0.14	24	10.5±0.6	162.7
N0289424005051513BK	0.20	24	11.4±0.6	197.57
N0289424007051513BK	0.25	24	12.1±0.6	227.75
N0289424008051513BK	0.30	24	12.7±0.6	258.71
N0289424009051513BK	0.34	24	13±0.6	276.48
N0289424011051513BK	0.40	24	14.1±0.8	338.3
N0289424012051513BK	0.50	24	14.9±0.8	394.58
N0549424013051513BK	0.75	24	17.5±0.8	534.76
N0549424014051513BK	1.00	24	19.1±0.8	683.32
N0549424015051513BK	1.25	24	20.1±1	797.03

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0549424016051513BK	1.50	24	21.8±1	921.02
N0289425002051513BK	0.10	25	10±0.6	152.77
N0289425004051513BK	0.14	25	10.6±0.6	177.3
N0289425005051513BK	0.20	25	11.4±0.6	215.7
N0289425007051513BK	0.25	25	12.1±0.6	248.29
N0289425008051513BK	0.30	25	12.7±0.6	281.49
N0289425009051513BK	0.34	25	13±0.6	300.89
N0289425011051513BK	0.40	25	14.2±0.8	354.35
N0289425012051513BK	0.50	25	14.9±0.8	412.19
N0549425013051513BK	0.75	25	17.6±0.8	585.93
N0549425014051513BK	1.00	25	19.2±0.8	723.38
N0549425015051513BK	1.25	25	20.2±1	846.79
N0549425016051513BK	1.50	25	21.9±1	979
N0289426002051513BK	0.10	26	10.6±0.6	167.39
N0289426004051513BK	0.14	26	11.3±0.6	193.54
N0289426005051513BK	0.20	26	12.5±0.6	246.95
N0289426007051513BK	0.25	26	13.1±0.6	

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0289429011051513BK	0.40	29	15.3±0.8	421.28
N0289429012051513BK	0.50	29	16.2±0.8	485.46
N0549429013051513BK	0.75	29	19.1±0.8	666.8
N0549429014051513BK	1.00	29	20.9±1	841.91
N0549429015051513BK	1.25	29	22±1	985.49
N0549429016051513BK	1.50	29	24±1	1139.69
N0289430002051513BK	0.10	30	10.8±0.6	181.46
N0289430004051513BK	0.14	30	11.4±0.6	211.68
N0289430005051513BK	0.20	30	12.7±0.6	268.88
N0289430007051513BK	0.25	30	13.2±0.6	302.73
N0289430008051513BK	0.30	30	14±0.6	343.94
N0289430009051513BK	0.34	30	14.4±0.8	378.13
N0289430011051513BK	0.40	30	15.5±0.8	444.46
N0289430012051513BK	0.50	30	16.2±0.8	492.94
N0549430013051513BK	0.75	30	19.3±0.8	702.65
N0549430014051513BK	1.00	30	21.1±1	864.24
N0549430015051513BK	1.25	30	22.2±1	1011.88
N0549430016051513BK	1.50	30	24.3±1	1171.53
N0289431002051513BK	0.10	31	11.4±0.6	191.28
N0289431004051513BK	0.14	31	12.3±0.6	233.52
N0289431005051513BK	0.20	31	13.4±0.6	283.17
N0289431007051513BK	0.25	31	14.2±0.8	325.75
N0289431008051513BK	0.30	31	14.9±0.8	373.68
N0289431009051513BK	0.34	31	15.3±0.8	398.06
N0289431011051513BK	0.40	31	16.4±0.8	480.74
N0289431012051513BK	0.50	31	17.4±0.8	543.31
N0549431013051513BK	0.75	31	20.5±1	783.82
N0549431014051513BK	1.00	31	22.4±1	970.42
N0549431015051513BK	1.25	31	24±1	1150.14
N0549431016051513BK	1.50	31	26±1.2	1329.03
N0289432002051513BK	0.10	32	11.4±0.6	192.14
N0289432004051513BK	0.14	32	12.3±0.6	234.66
N0289432005051513BK	0.20	32	13.4±0.6	284.85
N0289432007051513BK	0.25	32	14.2±0.8	327.8
N0289432008051513BK	0.30	32	14.9±0.8	376.06
N0289432009051513BK	0.34	32	15.3±0.8	400.91
N0289432011051513BK	0.40	32	16.4±0.8	484.17
N0289432012051513BK	0.50	32	17.4±0.8	547.59
N0549432013051513BK	0.75	32	20.5±1	790.24
N0549432014051513BK	1.00	32	22.4±1	979.04
N0549432015051513BK	1.25	32	24±1	1160.86
N0549432016051513BK	1.50	32	26±1.2	1341.76
N0289433002051513BK	0.10	33	11.6±0.6	206.33
N0289433004051513BK	0.14	33	12.5±0.6	251.94
N0289433005051513BK	0.20	33	13.8±0.6	306.12
N0289433007051513BK	0.25	33	14.6±0.8	362.28
N0289433008051513BK	0.30	33	15.2±0.8	403.47
N0289433009051513BK	0.34	33	15.7±0.8	436.84
N0289433011051513BK	0.40	33	16.7±0.8	497.13
N0289433012051513BK	0.50	33	17.7±0.8	583.44
N0549433013051513BK	0.75	33	21.1±1	810.67

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0549433014051513BK	1.00	33	23.2±1	996.93
N0549433015051513BK	1.25	33	24.5±1	1168.27
N0549433016051513BK	1.50	33	26.5±1.2	1351.61
N0289434002051513BK	0.10	34	11.6±0.6	207.17
N0289434004051513BK	0.14	34	12.5±0.6	253.08
N0289434005051513BK	0.20	34	13.8±0.6	307.81
N0289434007051513BK	0.25	34	14.6±0.8	364.32
N0289434008051513BK	0.30	34	15.2±0.8	405.84
N0289434009051513BK	0.34	34	15.7±0.8	439.7
N0289434011051513BK	0.40	34	16.7±0.8	500.58
N0289434012051513BK	0.50	34	17.7±0.8	587.73
N0549434013051513BK	0.75	34	21.1±1	817.08
N0549434014051513BK	1.00	34	23.2±1	1005.55
N0549434015051513BK	1.25	34	24.5±1	1178.98
N0549434016051513BK	1.50	34	26.5±1.2	1364.36
N0289435002051513BK	0.10	35	11.6±0.6	208.03
N0289435004051513BK	0.14	35	12.5±0.6	254.21
N0289435005051513BK	0.20	35	13.8±0.6	309.49
N0289435007051513BK	0.25	35	14.6±0.8	366.36
N0289435008051513BK	0.30	35	15.2±0.8	408.22
N0289435009051513BK	0.34	35	15.7±0.8	442.56
N0289435011051513BK	0.40	35	16.7±0.8	504
N0289435012051513BK	0.50	35	17.7±0.8	592.02
N0549435013051513BK	0.75	35	21.1±1	823.51
N0549435014051513BK	1.00	35	23.2±1	1014.17
N0549435015051513BK	1.25	35	24.5±1	1189.7
N0549435016051513BK	1.50	35	26.5±1.2	1377.09
N0289436002051513BK	0.10	36	11.6±0.6	218.64
N0289436004051513BK	0.14	36	12.6±0.6	259.87
N0289436005051513BK	0.20	36	13.9±0.6	323.93
N0289436007051513BK	0.25	36	14.7±0.8	375.32
N0289436008051513BK	0.30	36	15.3±0.8	416.92
N0289436009051513BK	0.34	36	15.9±0.8	452.89
N0289436011051513BK	0.40	36	16.8±0.8	512.09
N0289436012051513BK	0.50	36	17.8±0.8	602.09
N0549436013051513BK	0.75	36	21.2±1	838.54
N0549436014051513BK	1.00	36	23.4±1	1034.11
N0549436015051513BK	1.25	36	24.7±1	1212.63
N0549436016051513BK	1.50	36	26.7±1.2	1403.64
N0289437002051513BK	0.10	37	12.6±0.6	249.07
N0289437004051513BK	0.14	37	13.4±0.6	289.31
N0289437005051513BK	0.20	37	14.9±0.8	372.14
N0289437007051513BK	0.25	37	15.8±0.8	424.76
N0289437008051513BK	0.30	37	16.3±0.8	462.88
N0289437009051513BK	0.34	37	16.7±0.8	494.36
N0289437011051513BK	0.40	37	18.1±0.8	596.34
N0289437012051513BK	0.50	37	19.2±0.8	682.81
N0549437013051513BK	0.75	37	23±1	947.63
N0549437014051513BK	1.00	37	25±1	1170.59
N0549437015051513BK	1.25	37	26.6±1.2	1383.73
N0549437016051513BK	1.50	37	28.5±1.2	1595.7

R-FLEX-Robot Pair-twisted Shielded Cables



Highlights

- High Flexibility Drag Chain, Torsion Resistance, Bending Resistance for industrial robotic cables
- The outer sheath with durability under harsh condition
- UV resistant, excellent weather resistance, cold resistance and high oil resistance
- Withstands high mechanical stresses
- Pair-twisted+ Braid shielded of copper against EMC interference

Application Range

- Suitable for robotic automation system、
- industrial machinery and machine tools、
- automotive industry、
- logistics handling equipment、
- spraying equipment、
- articulated arm robot and other robots with high requirements for anti-bending、
- anti-torsion、
- anti-slip performance、
- as well as automated handling equipment.

Standards/Certification

- Drag Chain conform to UL Standards：E531888-UL-758 （Optional）CCC5023&8734 （Optional）

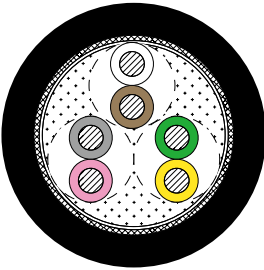
Product Structure

- Conductor：Extra fine wire stranded tinned copper
- Insulation：Special Elastomer Insulation, thinner and flexible
- Core identification code：Cores stranded in pairs, Pairs stranded in layers
- Braiding：Tinned copper braiding shielding enhances anti-interference
- Outer sheath：Special TPU, flexible and abrasion resistance
- Product Reference Standard：UL758、Corporate Standards
- Color of core wire and outer sheath：Per customer' s requirement
- Material of wire and outer sheath：Per customer' s requirement

Properties

- Mechanical properties：Travel length: acceleration 30m/S²
- Bending cycle：88 times/min/m, >15 million times
- Torsion stress：Flexible: 0.5m Torsion angle up to ±180° Speed 180° /s"
- properties：Special material compound, flexible and abrasion resistance

cross section



Technical Data

-  **Core identification code**
- with up to 8mm². acc.to FM standards
 - more than 8mm²: Different cores with white numbers
 - Or per customer' s requirement

-  **Conductor stranding**
- Confirm to UL Standard
 - E531888-UL-758-1

-  **Rated Voltage**
- U0/U ≤ 0.5mm²: 300V R-FLEX33XXXXX > 0.5mm²: 600V R-FLEX63XXXXX

-  **Bending Cycles and Operation Parameters**
- Torsional stress
 - Travel Lengths: 88 times/min/m Acceleration 30m/s²
 - Bending times more than 15 million times
 - Torsional application Flexible: 0.5m
 - Torsion angle up to ±180°
 - Speed 180° /s"

-  **Minimum bending radius**
- Flexing: 5D(Cable O.D.)
 - Fixed installation: 8D(Cable O.D.)

-  **Temperature Range**
- Flexing: -30° C ~ +70° C
 - Fixed installation: -30° C ~ +70° C

-  **Flammability**
- GB/T18380
 - VW-1 (optional)

-  **Good chemical resistance**
- Oil-Resistance、 Cold Resistance、 Acid and alkali Resistance
 - Solvent Properties(Optional)

-  **Good Mechanical Properties**
- Flexible、 Abrasion resistance、 Torsional resistance、 Bending resistance

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0389404101051513BK	0.1	2P	5.9±0.4	46.2
N0389404103051513BK	0.14	2P	6.1±0.4	51.32
N0389404104051513BK	0.2	2P	6.5±0.4	59.2
N0389404106051513BK	0.25	2P	6.8±0.4	64.55
N0389404107051513BK	0.3	2P	7±0.4	69.99
N0389404108051513BK	0.34	2P	7.1±0.4	73.58
N0389404110051513BK	0.4	2P	7.6±0.4	82.69
N0389404111051513BK	0.5	2P	7.8±0.4	91.49
N0649404112051513BK	0.75	2P	9±0.6	124.77
N0649404113051513BK	1	2P	9.7±0.6	147.42
N0389406115051513BK	0.1	3P	6.1±0.4	51.68
N0389406117051513BK	0.14	3P	6.4±0.4	58.03
N0389406118051513BK	0.2	3P	6.8±0.4	67.75
N0389406120051513BK	0.25	3P	7.1±0.4	74.51
N0389406121051513BK	0.3	3P	7.3±0.4	81.38
N0389406122051513BK	0.34	3P	7.5±0.4	86.01
N0389406124051513BK	0.4	3P	7.9±0.4	97.16
N0389406125051513BK	0.5	3P	8.2±0.6	108.63
N0649406126051513BK	0.75	3P	9.5±0.6	149.74
N0649406127051513BK	1	3P	10.3±0.6	178.75
N0389408129051513BK	0.1	4P	6.5±0.4	59.76
N0389408131051513BK	0.14	4P	6.9±0.4	67.63
N0389408132051513BK	0.2	4P	7.3±0.4	79.7
N0389408134051513BK	0.25	4P	7.6±0.4	88.23
N0389408135051513BK	0.3	4P	7.9±0.4	96.84
N0389408136051513BK	0.34	4P	8±0.6	102.72
N0389408138051513BK	0.4	4P	8.6±0.6	120.56
N0389408139051513BK	0.5	4P	9±0.6	135.19
N0649408140051513BK	0.75	4P	10.4±0.6	181.8
N0649408141051513BK	1	4P	11.2±0.6	218.92
N0389410143051513BK	0.1	5P	7±0.4	68.75
N0389410145051513BK	0.14	5P	7.3±0.4	78.35
N0389410146051513BK	0.2	5P	7.9±0.4	93.06
N0389410148051513BK	0.25	5P	8.2±0.6	103.4
N0389410149051513BK	0.3	5P	8.5±0.6	114
N0389410150051513BK	0.34	5P	8.8±0.6	125.22
N0389410152051513BK	0.4	5P	9.3±0.6	142.37
N0389410153051513BK	0.5	5P	9.7±0.6	160.12
N0649410154051513BK	0.75	5P	11.3±0.6	217.13
N0649410155051513BK	1	5P	12.5±0.6	274.2
N0389412157051513BK	0.1	6P	7.5±0.4	78.59
N0389412159051513BK	0.14	6P	7.9±0.4	89.81
N0389412160051513BK	0.2	6P	8.5±0.6	107.37
N0389412162051513BK	0.25	6P	8.9±0.6	123.54
N0389412163051513BK	0.3	6P	9.2±0.6	136.51
N0389412164051513BK	0.34	6P	9.4±0.6	145.31
N0389412166051513BK	0.4	6P	10.2±0.6	165.33
N0389412167051513BK	0.5	6P	10.6±0.6	187.01
N0649412168051513BK	0.75	6P	12.5±0.6	266.24
N0389414171051513BK	0.1	7P	8±0.4	88.65
N0389414173051513BK	0.14	7P	8.4±0.6	101.7
N0389414174051513BK	0.2	7P	9.1±0.6	126.37
N0389414176051513BK	0.25	7P	9.5±0.6	140.66
N0389414177051513BK	0.3	7P	10±0.6	155.56
N0389414178051513BK	0.34	7P	10.2±0.6	165.78

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0389414180051513BK	0.4	7P	10.9±0.6	189.31
N0389414181051513BK	0.5	7P	11.4±0.6	214.56
N0649414182051513BK	0.75	7P	13.5±0.6	306.3
N0389416185051513BK	0.1	8P	8.4±0.6	99.63
N0389416187051513BK	0.14	8P	9±0.6	119.12
N0389416188051513BK	0.2	8P	9.7±0.6	143.05
N0389416190051513BK	0.25	8P	10.2±0.6	159.62
N0389416191051513BK	0.3	8P	10.7±0.6	176.89
N0389416192051513BK	0.34	8P	10.9±0.6	188.44
N0389416194051513BK	0.4	8P	11.7±0.6	215.9
N0389416195051513BK	0.5	8P	12.5±0.6	255.64
N0649416196051513BK	0.75	8P	14.8±0.8	367.71
N0389418199051513BK	0.1	9P	9±0.6	115.67
N0389418201051513BK	0.14	9P	9.5±0.6	133.33
N0389418202051513BK	0.2	9P	10.4±0.6	159.57
N0389418204051513BK	0.25	9P	10.9±0.6	178.82
N0389418205051513BK	0.3	9P	11.3±0.6	198.46
N0389418206051513BK	0.34	9P	11.6±0.6	210.94
N0389418208051513BK	0.4	9P	12.7±0.6	254.69
N0389418209051513BK	0.5	9P	13.3±0.6	287.54
N0649418210051513BK	0.75	9P	15.9±0.8	421.89
N0389420213051513BK	0.1	10P	9.5±0.6	128.35
N0389420215051513BK	0.14	10P	10.2±0.6	147.45
N0389420216051513BK	0.2	10P	11±0.6	178.46
N0389420218051513BK	0.25	10P	11.5±0.6	198.76
N0389420219051513BK	0.3	10P	12.3±0.6	233.03
N0389420220051513BK	0.34	10P	12.6±0.6	248.7
N0389420222051513BK	0.4	10P	13.5±0.6	284.26
N0389420223051513BK	0.5	10P	14.4±0.8	339.88
N0649420224051513BK	0.75	10P	16.7±0.8	462.2
N0389422227051513BK	0.1	11P	11.2±0.6	163.69
N0389422229051513BK	0.14	11P	12.1±0.6	194.85
N0389422230051513BK	0.2	11P	13.2±0.6	241.11
N0389422232051513BK	0.25	11P	14±0.6	275.68
N0389422233051513BK	0.3	11P	14.7±0.8	315.41
N0389422234051513BK	0.34	11P	15±0.8	334.92
N0389422236051513BK	0.4	11P	15.9±0.8	377.29
N0389422237051513BK	0.5	11P	16.9±0.8	433.85
N0649422238051513BK	0.75	11P	20.1±1	631.53
N0389424241051513BK	0.1	12P	11.2±0.6	164.41
N0389424243051513BK	0.14	12P	12.1±0.6	195.88
N0389424244051513BK	0.2	12P	13.2±0.6	243.13
N0389424246051513BK	0.25	12P	14±0.6	278.47
N0389424247051513BK	0.3	12P	14.7±0.8	318.96
N0389424248051513BK	0.34	12P	15±0.8	339.33
N0389424250051513BK	0.4	12P	15.9±0.8	382.24
N0389424251051513BK	0.5	12P	16.9±0.8	440.67
N0649424252051513BK	0.75	12P	20.1±1	641.65
N0389426255051513BK	0.1	13P	12.4±0.6	204.66
N0389426257051513BK	0.14	13P	13.2±0.6	236.52
N0389426258051513BK	0.2	13P	14.7±0.8	302.33
N0389426260051513BK	0.25	13P	15.3±0.8	337.44
N0389426261051513BK	0.3	13P	16.2±0.8	380.25
N0389426262051513BK	0.34	13P	16.4±0.8	396.39
N0389426264051513BK	0.4	13P	17.8±0.8	478.89

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0389426265051513BK	0.5	13P	18.9±0.8	547.58
N0649426266051513BK	0.75	13P	22.2±1	761.62
N0389428269051513BK	0.1	14P	12.4±0.6	205.38
N0389428271051513BK	0.14	14P	13.2±0.6	237.55
N0389428272051513BK	0.2	14P	14.7±0.8	304.34
N0389428274051513BK	0.25	14P	15.3±0.8	340.23
N0389428275051513BK	0.3	14P	16.2±0.8	383.8
N0389428276051513BK	0.34	14P	16.4±0.8	400.8
N0389428278051513BK	0.4	14P	17.8±0.8	483.84
N0389428279051513BK	0.5	14P	18.9±0.8	554.28
N0649428280051513BK	0.75	14P	22.2±1	771.57
N0389430283051513BK	0.1	15P	12.4±0.6	206.09
N0389430285051513BK	0.14	15P	13.2±0.6	238.58
N0389430286051513BK	0.2	15P	14.7±0.8	306.36
N0389430288051513BK	0.25	15P	15.3±0.8	343.01
N0389430289051513BK	0.3	15P	16.2±0.8	387.36
N0389430290051513BK	0.34	15P	16.4±0.8	405.22
N0389430292051513BK	0.4	15P	17.8±0.8	488.8
N0389430293051513BK	0.5	15P	18.9±0.8	561.11
N0649430294051513BK	0.75	15P	22.2±1	781.69
N0389432297051513BK	0.1	16P	12.5±0.6	209.32
N0389432299051513BK	0.14	16P	13.2±0.6	242.94
N0389432300051513BK	0.2	16P	14.7±0.8	312.27
N0389432302051513BK	0.25	16P	15.4±0.8	350.15

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
N0389432303051513BK	0.3	16P	16.2±0.8	395.62
N0389432304051513BK	0.34	16P	16.4±0.8	414.45
N0389432306051513BK	0.4	16P	17.8±0.8	499.56
N0389432307051513BK	0.5	16P	18.9±0.8	573.83
N0649432308051513BK	0.75	16P	22.3±1	801.03
N0389434311051513BK	0.1	17P	13.5±0.6	239.6
N0389434313051513BK	0.14	17P	14.6±0.8	295.47
N0389434314051513BK	0.2	17P	16.1±0.8	363.82
N0389434316051513BK	0.25	17P	16.6±0.8	399.17
N0389434317051513BK	0.3	17P	17.6±0.8	464.66
N0389434318051513BK	0.34	17P	18±0.8	494.32
N0389434320051513BK	0.4	17P	19.6±0.8	578.01
N0389434321051513BK	0.5	17P	20.7±1	662.52
N0649434322051513BK	0.75	17P	24.6±1	954.72
N0389436325051513BK	0.1	18P	13.5±0.6	240.32
N0389436327051513BK	0.14	18P	14.6±0.8	296.5
N0389436328051513BK	0.2	18P	16.1±0.8	365.84
N0389436330051513BK	0.25	18P	16.6±0.8	401.96
N0389436331051513BK	0.3	18P	17.6±0.8	468.21
N0389436332051513BK	0.34	18P	18±0.8	498.73
N0389436334051513BK	0.4	18P	19.6±0.8	582.97
N0389436335051513BK	0.5	18P	20.7±1	669.34
N0649436336051513BK	0.75	18P	24.6±1	964.84



INDUSTRIAL AUTOMATION MORE CONVENIENT AND RELIABLE

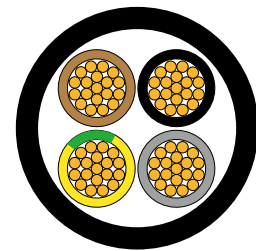
6 CCC POWER CABLE

- AVVR copper core PVC insulated PVC sheathed flexible cables for electrical installation
- AVP copper core PVC insulated shielded wire for installation
- RVP copper core polyvinyl chloride insulated shielded flexible wire
- RVVSP copper core PVC insulated PVC sheathed twisted shielded flexible wire
- RVVP copper core PVC insulated PVC sheathed shielded flexible wire
- BV PVC insulated unsheathed cable
- BVR flexible cable
- BVV PVC insulated PVC sheathed cable
- BVVB PVC insulated PVC sheathed flat cable
- RV PVC insulated unsheathed flexible cable
- RVV(300V) PVC insulated PVC sheathed flexible cable
- RVV(500V) PVC insulated PVC sheathed flexible cable
- RVB flat unsheathed flexible wire
- Flexible wires for RVS twisted connections
- AV PVC insulated unsheathed cable
- AVR PVC insulated unsheathed flexible cable
- Flexible wires for AVRS twisted connections
- AVRB flat unsheathed installation flexible cable
- YZ and YZW ordinary strength rubber sheathed flexible cables
- YC and YCW heavy-duty rubber sheathed flexible cables
- TVVB elevator traveling flat cable low speed and low height
- TVB3P3 elevator traveling shielded flat cable low speed and low height
- Elevator traveling flat cable, medium speed, medium height
- Elevator traveling flat cable at high speed and height

AVVR Copper Core PVC Insulated PVC Sheathed Flexible Cables

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD AVVR

cross section



Application Range

- Mainly used in building intercom system
- Burglar alarm system
- Automation control system
- Electrical equipment control wiring, electronic equipment, etc.

Product Structure

- Conductor: The bare flexible copper stranded conductor of the wire conform to GB/T3956, Class 6
- Core insulation: PVC/C
- Outer sheath: PVC/ST4
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956

Properties

- Flexibility
- Moisture resistance
- Capable of with standing medium mechanical stresses

Technical Data

- Rated Voltage**
 - U₀/U : 300/300V
- Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D (Cable O.D.)
- Temperature Range**
 - Flexing: -15° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross sectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2426202001001422BK	0.08	2	3.7±0.4	13
A2426202003001422BK	0.12	2	3.9±0.4	15
A2426202005001422BK	0.2	2	4.1±0.4	18
A2426202008001422BK	0.3	2	4.7±0.4	23
A2426202011001422BK	0.4	2	4.9±0.4	26
A2426203003001422BK	0.12	3	4.1±0.4	19
A2426203005001422BK	0.2	3	4.3±0.4	22
A2426203008001422BK	0.3	3	5.2±0.4	29
A2426203011001422BK	0.4	3	5.2±0.4	33
A2426204003001422BK	0.12	4	4.4±0.4	23
A2426204005001422BK	0.2	4	4.7±0.4	27
A2426204008001422BK	0.3	4	5.4±0.4	36
A2426204011001422BK	0.4	4	5.7±0.4	42
A2426205003001422BK	0.12	5	4.8±0.4	27
A2426205005001422BK	0.2	5	5.1±0.4	32
A2426205008001422BK	0.3	5	5.9±0.4	43
A2426205011001422BK	0.4	5	6.2±0.4	50
A2426206003001422BK	0.12	6	5.2±0.4	31
A2426206005001422BK	0.2	6	5.5±0.4	37
A2426206008001422BK	0.3	6	6.4±0.4	50
A2426206011001422BK	0.4	6	6.7±0.4	58

PLN	cross sectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2426207003001422BK	0.12	7	5.2±0.4	34
A2426207005001422BK	0.2	7	5.5±0.4	41
A2426207008001422BK	0.3	7	6.4±0.4	55
A2426207011001422BK	0.4	7	6.7±0.4	65
A2426207670001422BK	0.4	3P+1	8.9±0.6	71
A2426208003001422BK	0.12	8	5.6±0.4	38
A2426208005001422BK	0.2	8	5.9±0.4	45
A2426208008001422BK	0.3	8	6.9±0.4	62
A2426208011001422BK	0.4	8	7.2±0.4	73
A2426209003001422BK	0.12	9	6.1±0.4	42
A2426209005001422BK	0.2	9	6.5±0.4	51
A2426209008001422BK	0.3	9	8±0.4	77
A2426209011001422BK	0.4	9	8.4±0.6	90
A2426210003001422BK	0.12	10	6.5±0.4	46
A2426210005001422BK	0.2	10	6.9±0.4	56
A2426210008001422BK	0.3	10	8.5±0.6	85
A2426210011001422BK	0.4	10	8.9±0.6	98
A2426212003001422BK	0.12	12	6.7±0.4	53
A2426212005001422BK	0.2	12	7.1±0.4	64
A2426212008001422BK	0.3	12	8.8±0.6	97
A2426212011001422BK	0.4	12	9.2±0.6	113

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2426214003001422BK	0.12	14	7±0.4	59
A2426214005001422BK	0.2	14	7.9±0.4	80
A2426214008001422BK	0.3	14	9.2±0.6	109
A2426214011001422BK	0.4	14	9.7±0.6	128
A2426216003001422BK	0.12	16	7.4±0.4	66
A2426216005001422BK	0.2	16	8.3±0.6	89
A2426216008001422BK	0.3	16	9.7±0.6	122
A2426216011001422BK	0.4	16	10.3±0.6	144
A2426219003001422BK	0.12	19	8.2±0.4	83
A2426219005001422BK	0.2	19	9.7±0.6	102
A2426219008001422BK	0.3	19	10.2±0.6	141
A2426219011001422BK	0.4	19	10.7±0.6	166
A2426220003001422BK	0.12	20	8.4±0.6	87
A2426220005001422BK	0.2	20	8.9±0.6	106
A2426220008001422BK	0.3	20	10.5±0.6	147
A2426220011001422BK	0.4	20	11±0.6	174

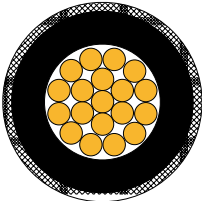
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2426224003001422BK	0.12	24	9.5±0.6	59
A2426224005001422BK	0.2	24	10.1±0.6	80
A2426224008001422BK	0.3	24	12.3±0.6	109
A2426224011001422BK	0.4	24	12.9±0.6	128
A2426226003001422BK	0.12	26	9.7±0.6	66
A2426226005001422BK	0.2	26	10.3±0.6	89
A2426226008001422BK	0.3	26	12.6±0.6	122
A2426226011001422BK	0.4	26	13.2±0.6	144
A2426228003001422BK	0.12	28	10±0.6	83
A2426228005001422BK	0.2	28	11.1±0.6	102
A2426228008001422BK	0.3	28	13±0.6	141
A2426228011001422BK	0.4	28	13.7±0.6	166
A2426230003001422BK	0.12	30	10±0.6	87
A2426230005001422BK	0.2	30	11.1±0.6	106
A2426230008001422BK	0.3	30	13±0.6	147
A2426230011001422BK	0.4	30	13.7±0.6	174

AVP Copper Core PVC Insulated Shielded Wire For Installation



cross section



Application Range

- Suitable for medium and light mobile electrical appliances
- Instrumentation
- Household appliances
- Mechanical or automation system engineering wiring
- Escalator and other control systems
- Places that require flexible bending when in use

Product Structure

- Conductor: Bare Copper conductor
- Core insulation: PVC/C
- Shield: Copper wire braiding enhances anti-interference ability
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
Conductor Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2521201001020100BK	0.08	1	1.5±0.4	4.2
A2521201003020100BK	0.12	1	1.6±0.4	4.9
A2521201005010100BK	0.2	1	1.7±0.4	7.2

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2521201008010100BK	0.3	1	1.8±0.4	8.6
A2521201011010100BK	0.4	1	1.9±0.4	9.9

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Technical Data



- Rated Voltage**
- U0/U : 300/300V



- Minimum bending radius**
- Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)



- Temperature Range**
- Flexing: -15° C ~ +70° C



- Flammability**
- Flame-retardant according
GB/T 18380

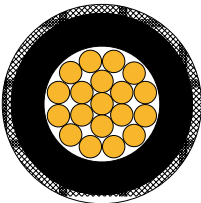


- Good chemical resistance**
- Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

RVP Copper Core Polyvinyl Chloride Insulated Shielded Flexible Wire



cross section



Application Range

- The wires and cables for information transmission systems
- Mainly telephone cables
- Television cable
- Electronic cables
- Radio frequency cable
- Fiber optic cables
- Data cable
- Electromagnetic cables
- Power communication or
- other composite cables, etc.

Product Structure

- Conductor: Bare soft copper conductor
- Core insulation: PVC/C
- Shield: Copper wire braiding enhances anti-interference ability
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 5023

Properties

- Characteristics: Working temperature does not exceed 70 °C
- Use standard: Insulation thickness, easy to cut wire, easy to strip

Technical Data

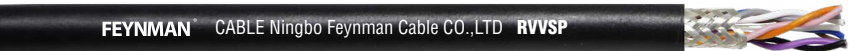
- Rated Voltage**
 - U0/U : 300/300V
- Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -15° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2726201001021400BK	0.08	1	1.6±0.4	4.6
A2726201003021400BK	0.12	1	1.7±0.4	5.4
A2726201005011400BK	0.2	1	1.8±0.4	7.8
A2726201008011400BK	0.3	1	2.1±0.4	10
A2726201011011400BK	0.4	1	2.2±0.4	11.7
A2725101012011400BK	0.5	1	2.3±0.4	13
A2725101013011400BK	0.75	1	2.5±0.4	16
A2725101014011400BK	1	1	2.9±0.4	21
A2725101016011400BK	1.5	1	3.2±0.4	27

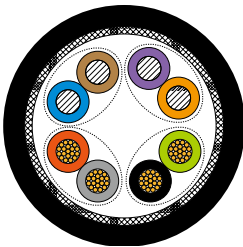
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2725101018011400BK	2.5	1	3.9±0.4	41
A2726202001011400BK	0.08	2	2.9±0.4	12
A2726202003011400BK	0.12	2	3.1±0.4	13.5
A2726202005011400BK	0.2	2	3.3±0.4	15.8
A2726202008011400BK	0.3	2	3.9±0.4	21
A2726202011011400BK	0.4	2	4.1±0.4	24
A2725102012011400BK	0.5	2	4.3±0.4	27
A2725102013011400BK	0.75	2	4.7±0.4	33

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

RVVSP Copper Core PVC Insulated PVC Sheathed Twisted Shielded Flexible Wire



cross section



Application Range

- Especially designed for the connection of RS485 communication equipment in elevator.
- It is protected against strong electromagnetic interference and guarantees precise pulse signals.
- It is also suitable for the power of AC rated voltage below 450/750V,
- Daily appliances, instruments, meters, telecommunication equipment, lighting circuits
- And automation devices for mobile installation of flexible cables, especially where barriers are required.

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2926204102011422BK	0.12	2P	6.5±0.4	50
A2926204104011422BK	0.2	2P	6.8±0.4	55
A2926204107011422BK	0.3	2P	7.8±0.4	74
A2926204110011422BK	0.4	2P	8.1±0.4	81
A2925104111011422BK	0.5	2P	8.6±0.4	91

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Product Structure

- Conductor: Bare soft copper conductor
- Core insulation: PVC
- Shield: Copper wire braiding Outer sheath: PVC
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Properties

- Good soft bending properties
- Good resistance to oil and moisture
- Precise signal transmission against interference
- Excellent abrasion resistance
- Withstands high mechanical forces

Technical Data

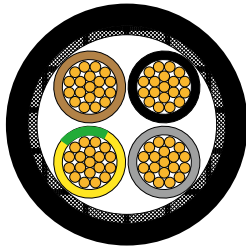
- Rated Voltage**
 - U0/U : 300/300V
- Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -15° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2925104112011422BK	0.75	2P	9.5±0.4	119
A2925104113011422BK	1	2P	10.9±0.6	156
A2925104354011422BK	1.5	2P	11.9±0.6	186
A2925104356011422BK	2.5	2P	14.4±0.6	284

RVVP Copper Core PVC Insulated PVC Sheathed Shielded Flexible Wire



cross section



Application Range

- Suitable for machine tool manufacturing
- Installation works for complete sets of equipment
- Power stations
- Heating and air conditioning systems
- Refrigeration equipment
- office automation equipment
- Data processing and other occasions
- Can also be applied to the need for anti-interference line screen cover wires and cables.

Product Structure

- Conductor: Bare soft copper conductor
- Core insulation: PVC
- Shield: Copper wire braiding
- Outer sheath: PVC
- Color of core and sheath:
- As per customer's requirement
- Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Moisture and abrasion resistance
- Flexibility, anti-electromagnetic interference
- Capable of withstanding medium-sized mechanical stresses

Technical Data



Rated Voltage

- U0/U : 300/300V



Minimum bending radius

- Flexing: 6D (Cable O.D.)
- Fixed installation: 13D(Cable O.D.)



Temperature Range

- Flexing: -15° C ~ +70° C



Flammability

- Flame-retardant according GB/T 18380



Good chemical resistance

- Good oil resistance,
- Cold resistance,
- Acid and Alkali resistance
- Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3026202001011422BK	0.08	2	3.7±0.4	21
A3026202003011422BK	0.12	2	4.3±0.4	27
A3026202005011422BK	0.2	2	4.5±0.4	30
A3026202008011422BK	0.3	2	5.1±0.4	36
A3026202011011422BK	0.4	2	5.3±0.4	40
A3025102012011422BK	0.5	2	5.5±0.4	43
A3025102013011422BK	0.75	2	5.9±0.4	55
A3025102014011422BK	1	2	6.7±0.4	67
A3025102016011422BK	1.5	2	7.7±0.4	88
A3025102018011422BK	2.5	2	9.5±0.6	136
A3025102019011422BK	4	2	11.4±0.6	203
A3026203003011422BK	0.12	3	4.5±0.4	28
A3026203005011422BK	0.2	3	4.7±0.4	32
A3026203008011422BK	0.3	3	5.4±0.4	41
A3026203011011422BK	0.4	3	5.6±0.4	46
A3025103012011422BK	0.5	3	5.8±0.4	51
A3025103013011422BK	0.75	3	6.2±0.4	61
A3025103014011422BK	1	3	7.5±0.4	84

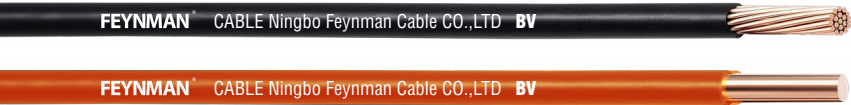
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3025103016011422BK	1.5	3	8.1±0.6	108
A3025103018011422BK	2.5	3	10±0.6	164
A3025103019011422BK	4	3	12.1±0.6	249
A3026204003011422BK	0.12	4	4.8±0.4	32
A3026204005011422BK	0.2	4	5.1±0.4	37
A3026204008011422BK	0.3	4	5.8±0.4	50
A3026204011011422BK	0.4	4	6.1±0.4	57
A3025104012011422BK	0.5	4	6.7±0.4	68
A3025104013011422BK	0.75	4	7.2±0.4	83
A3025104014011422BK	1	4	8.3±0.6	107
A3025104016011422BK	1.5	4	9.1±0.6	135
A3025104018011422BK	2.5	4	11.1±0.6	212
A3026205003011422BK	0.12	5	5.2±0.4	38
A3026205005011422BK	0.2	5	5.5±0.4	44
A3026205008011422BK	0.3	5	6.3±0.4	57
A3026205011011422BK	0.4	5	6.6±0.4	67
A3025105012011422BK	0.5	5	7.2±0.4	81
A3025105013011422BK	0.75	5	7.8±0.6	99

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3025105014011422BK	1	5	9.1±0.6	129
A3025105016011422BK	1.5	5	10.1±0.6	166
A3025105018011422BK	2.5	5	12.2±0.6	250
A3026206003011422BK	0.12	6	5.2±0.4	43
A3026206005011422BK	0.2	6	5.9±0.4	51
A3026206008011422BK	0.3	6	6.8±0.4	66
A3026206011011422BK	0.4	6	7.5±0.4	82
A3025106012011422BK	0.5	6	7.8±0.6	90
A3025106013011422BK	0.75	6	8.4±0.6	111
A3025106014011422BK	1	6	10±0.6	153
A3025106016011422BK	1.5	6	11±0.6	197
A3025106018011422BK	2.5	6	13.2±0.6	291
A3026207003011422BK	0.12	7	5.6±0.4	45
A3026207005011422BK	0.2	7	5.9±0.4	53
A3026207008011422BK	0.3	7	6.8±0.4	70
A3026207011011422BK	0.4	7	7.5±0.4	87
A3025107012011422BK	0.5	7	7.8±0.6	96
A3025107013011422BK	0.75	7	8.4±0.6	120
A3025107014011422BK	1	7	10±0.6	164
A3025107016011422BK	1.5	7	11±0.6	214
A3025107018011422BK	2.5	7	13.2±0.6	317
A3026208003011422BK	0.12	8	6±0.4	50
A3026208005011422BK	0.2	8	6.3±0.4	59
A3026208008011422BK	0.3	8	7.3±0.4	78
A3026208011011422BK	0.4	8	8.3±0.6	97
A3025108012011422BK	0.5	8	8.4±0.6	108
A3025108013011422BK	0.75	8	9±0.6	135
A3025108014011422BK	1	8	10.9±0.6	189
A3025108016011422BK	1.5	8	11.8±0.6	240
A3025108018011422BK	2.5	8	14.5±0.8	364
A3026209003011422BK	0.12	9	6.5±0.4	56
A3026209005011422BK	0.2	9	7.3±0.4	72
A3026209008011422BK	0.3	9	8.4±0.6	95
A3026209011011422BK	0.4	9	8.8±0.6	109
A3025109012011422BK	0.5	9	9.1±0.6	120
A3025109013011422BK	0.75	9	9.9±0.6	151
A3025109014011422BK	1	9	11.9±0.6	211
A3025109016011422BK	1.5	9	12.9±0.6	263
A3025109018011422BK	2.5	9	16±0.8	415
A3026210003011422BK	0.12	10	6.9±0.4	62
A3026210005011422BK	0.2	10	7.7±0.4	80
A3026210008011422BK	0.3	10	8.9±0.6	107

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3026210011011422BK	0.4	10	9.3±0.6	122
A3025110012011422BK	0.5	10	9.9±0.6	140
A3025110013011422BK	0.75	10	11±0.6	184
A3025110014011422BK	1	10	12.5±0.6	233
A3025110016011422BK	1.5	10	13.9±0.8	303
A3025110018011422BK	2.5	10	17±0.8	470
A3026212003011422BK	0.12	12	7.1±0.4	68
A3026212005011422BK	0.2	12	7.9±0.6	88
A3026212008011422BK	0.3	12	9.2±0.6	117
A3026212011011422BK	0.4	12	9.6±0.6	134
A3025112012011422BK	0.5	12	10.3±0.6	159
A3025112013011422BK	0.75	12	11.3±0.6	204
A3025112014011422BK	1	12	12.9±0.6	258
A3025112016011422BK	1.5	12	14.5±0.8	345
A3025112018011422BK	2.5	12	17.9±0.8	542
A3026214003011422BK	0.12	14	7.8±0.4	82
A3026214005011422BK	0.2	14	8.3±0.6	98
A3026214008011422BK	0.3	14	9.6±0.6	131
A3026214011011422BK	0.4	14	10.2±0.6	155
A3026216003011422BK	0.12	16	8.2±0.6	91
A3026216005011422BK	0.2	16	8.7±0.6	108
A3026216008011422BK	0.3	16	10.2±0.6	150
A3026216011011422BK	0.4	16	10.7±0.6	173
A3026219003011422BK	0.12	19	8.6±0.6	102
A3026219005011422BK	0.2	19	9.1±0.6	122
A3026219008011422BK	0.3	19	10.7±0.6	170
A3026219011011422BK	0.4	19	11.6±0.6	207
A3026220003011422BK	0.12	20	8.8±0.6	106
A3026220005011422BK	0.2	20	9.3±0.6	128
A3026220008011422BK	0.3	20	11±0.6	177
A3026220011011422BK	0.4	20	11.9±0.6	216
A3025120012011422BK	0.5	20	12.3±0.6	235
A3026224003011422BK	0.12	24	9.9±0.6	126
A3026224005011422BK	0.2	24	10.6±0.6	155
A3026224008011422BK	0.3	24	12.7±0.6	218
A3026224011011422BK	0.4	24	13.3±0.6	251
A3026226003011422BK	0.12	26	10.2±0.6	137
A3026226005011422BK	0.2	26	10.8±0.6	163
A3026226008011422BK	0.3	26	13±0.6	228
A3026226011011422BK	0.4	26	13.6±0.6	264
A3025126012011422BK	0.5	26	14.6±0.8	309

BV PVC Insulated Unsheathed Cable



cross section



Application Range

- Mainly used for power supply, lighting, socket, air conditioning
- Suitable for AC voltage 450/750V and below devices Daily appliances
Cable and wire for instruments and telecommunication equipment.

Product Structure

- Conductor: Single solid copper conductor
Stranded round copper conductor
- Core insulation: PVC/C
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734, GB/T 5023
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

Technical Data



- Rated Voltage**
- ≤ 1.0mm², 300/500V
 - > 1.0mm², 450/750V



- Minimum bending radius**
- Single solid copper conductor
Flexing: 20D (Cable O.D.)
 - Stranded round copper conductor
Flexing: 15D (Cable O.D.)



- Temperature Range**
- Flexing: -10° C ~ +70° C



- Flammability**
- Flame-retardant according
GB/T 18380

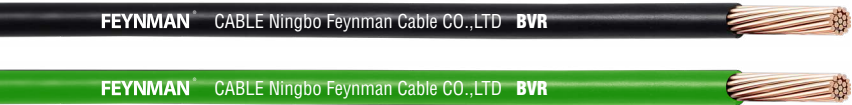


- Good chemical resistance**
- Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0331101012000100BK	0.5	1	2.0±0.10	9
A0732101012000100BK	0.5	1	2.1±0.16	9
A0331101013000100BK	0.75	1	2.2±0.16	12
A0732101013000100BK	0.75	1	2.3±0.16	12
A0331101014000100BK	1.0	1	2.3±0.16	14
A0732101014000100BK	1.0	1	2.5±0.16	15
A0152101016000100BK	1.5	1	3.0±0.16	21
A0151101016000100BK	1.5	1	2.8±0.16	21
A0152101018000100BK	2.5	1	3.6±0.16	33
A0151101018000100BK	2.5	1	3.4±0.16	32
A0152101019000100BK	4.0	1	4.2±0.20	48
A0151101019000100BK	4.0	1	3.9±0.16	47
A0152101020000100BK	6.0	1	4.7±0.20	68

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

BVR flexible cable



cross section



Application Range

- Mainly used for power supply, lighting, socket, air conditioning
- Suitable for AC voltage 450/750V and below devices Daily appliances
Cable and wire for instruments and telecommunication equipment.

Product Structure

- Conductor: Bare soft copper stranded conductor
Tinned soft copper stranded conductor
- Core insulation: PVC/C
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: JB/T 8734
- Core insulation Conformity: GB/T 5023

Properties

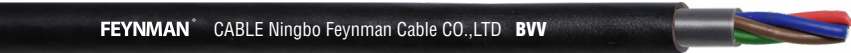
- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0853101018000100BK	2.5	1	3.7±0.16	33
A0853101019000100BK	4	1	4.2±0.20	48
A0853101020000100BK	6	1	4.8±0.20	68
A0853101021000100BK	10	1	6.7±0.20	115
A0853101022000100BK	16	1	7.8±0.20	173
A0853101023000100BK	25	1	9.5±0.20	268
A0853101024000100BK	35	1	11.2±0.20	366

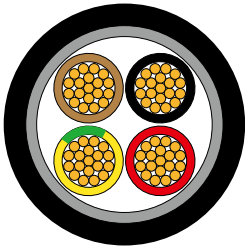
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0853101025000100BK	50	1	13.1±0.20	519
A0853101026000100BK	70	1	15.5±0.20	712
A0853101027000100BK	95	1	18.4±0.20	967
A0853101028000100BK	120	1	19.7±0.20	1199
A0853101029000100BK	150	1	22.6±0.20	1504
A0853101030000100BK	185	1	25.0±0.20	1854

BVV PVC Insulated PVC Sheathed Cable



cross section



Application Range

- Suitable for household appliances, interior decoration power lighting, instruments and meters, etc.

Product Structure

- Conductor: Single solid copper conductor
Stranded round copper conductors
- Core insulation: PVC/C
- Inner sheath: PVC/ST4
Outer sheath: PVC/ST4
- Color of core and sheath:
- As per customer's requirement
- Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

Technical Data



Rated Voltage

- U0/U : 300/500V



Minimum bending radius

- Single solid copper conductor
Flexing: 20D (Cable O.D.)
- Stranded round copper conductor
Flexing: 15D (Cable O.D.)



Temperature Range

- Flexing: -10° C ~ +70° C



Flammability

- Flame-retardant according
GB/T 18380



Good chemical resistance

- Good oil resistance,
- Cold resistance,
- Acid and Alkali resistance
- Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1031101013000101BK	0.75	1	3.8±0.4	21
A1031101014000101BK	1.0	1	3.9±0.4	25
A1032101016000101BK	1.5	1	4.6±0.4	35
A1031101016000101BK	1.5	1	4.4±0.4	33
A1032101018000101BK	2.5	1	5.2±0.4	49
A1031101018000101BK	2.5	1	5.0±0.4	47
A1032101019000101BK	4	1	6.0±0.4	69
A1031101019000101BK	4	1	5.7±0.4	66
A1032101020000101BK	6	1	6.5±0.4	91
A1031101020000101BK	6	1	6.2±0.4	88
A1032101021000101BK	10	1	7.8±0.4	140
A1032101022000101BK	16	1	8.8±0.6	202
A1032101023000101BK	25	1	10.7±0.6	308
A1032101024000101BK	35	1	12.0±0.6	413
A1032101025000101BK	50	1	14.3±0.8	587
A1032101026000101BK	70	1	16.2±0.8	793
A1032101027000101BK	95	1	18.9±0.8	1073
A1032101028000101BK	120	1	20.4±1.0	1318

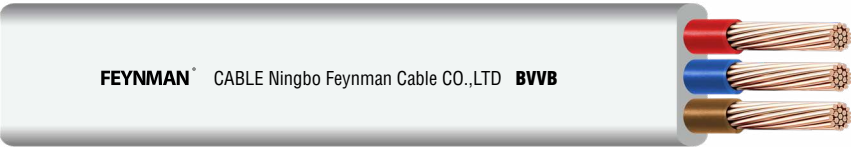
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1032101029000101BK	150	1	22.8±1.0	1648
A1032101030000101BK	185	1	25.4±1.2	2035
A0932102016000101BK	1.5	2	9.4±0.6	102
A0931102016000101BK	1.5	2	9.0±0.6	95
A0932103016000101BK	1.5	3	10.2±0.6	135
A0931103016000101BK	1.5	3	9.8±0.6	128
A0932104016000101BK	1.5	4	10.9±0.6	161
A0931104016000101BK	1.5	4	10.4±0.6	154
A0932105016000101BK	1.5	5	11.7±0.6	189
A0931105016000101BK	1.5	5	11.2±0.6	181
A0932102018000101BK	2.5	2	10.9±0.6	148
A0931102018000101BK	2.5	2	10.5±0.6	142
A0932103018000101BK	2.5	3	11.5±0.6	183
A0931103018000101BK	2.5	3	11.1±0.6	176
A0932104018000101BK	2.5	4	12.5±0.6	224
A0931104018000101BK	2.5	4	11.9±0.6	215
A0932105018000101BK	2.5	5	13.5±0.6	266
A0931105018000101BK	2.5	5	12.9±0.6	257

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0932102019000101BK	4	2	12.0±0.6	190
A0931102019000101BK	4	2	11.3±0.6	180
A0932103019000101BK	4	3	12.7±0.6	241
A0931103019000101BK	4	3	11.9±0.6	229
A0932104019000101BK	4	4	14.2±0.8	311
A0931104019000101BK	4	4	13.3±0.6	297
A0932105019000101BK	4	5	15.7±0.8	386
A0931105019000101BK	4	5	14.8±0.8	368
A0932102020000101BK	6	2	13.1±0.6	242
A0931102020000101BK	6	2	12.3±0.6	230
A0932103020000101BK	6	3	14.3±0.8	325
A0931103020000101BK	6	3	13.4±0.6	311
A0932104020000101BK	6	4	15.9±0.8	419
A0931104020000101BK	6	4	14.9±0.8	402
A0932105020000101BK	6	5	17.2±0.8	503
A0931105020000101BK	6	5	16.1±0.8	483

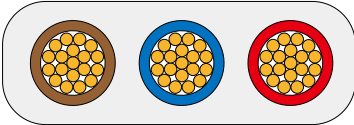
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0932102021000101BK	10	2	16.5±0.8	391
A0932103021000101BK	10	3	17.5±0.8	507
A0932104021000101BK	10	4	19.0±0.8	637
A0932105021000101BK	10	5	20.7±1.0	771
A0932102022000101BK	16	2	18.5±0.8	537
A0932103022000101BK	16	3	20.0±1.0	729
A0932104022000101BK	16	4	21.8±1.0	921
A0932105022000101BK	16	5	24.2±1.0	1142
A0932102023000101BK	25	2	22.3±1.0	799
A0932103023000101BK	25	3	24.1±1.0	1088
A0932104023000101BK	25	4	26.7±1.2	1407
A0932105023000101BK	25	5	29.2±1.2	1714
A0932102024000101BK	35	2	25.3±1.2	1074
A0932103024000101BK	35	3	26.9±1.2	1438
A0932104024000101BK	35	4	29.4±1.2	1835
A0932105024000101BK	35	5	32.6±1.4	2274

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BVVB PVC Insulated PVC Sheathed Flat Cable



cross section



Application Range

- Mainly used for lifting equipment in special places
- Cable track, transmission machinery
- Telescopic mechanical equipment, etc
- Power transmission lines and control of mobile appliances

Product Structure

- Conductor: Single solid copper conductor
Stranded round copper conductors
- Core insulation: PVC/C
- Outer sheath: PVC/ST4
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1131102339000101BK	0.75	2	(4.0±0.4)×(6.2±0.4)	41
A1131102340000101BK	1.0	2	(4.1±0.4)×(6.5±0.4)	47
A1131102341000101BK	1.5	2	(4.6±0.4)×(7.3±0.4)	62
A1131102342000101BK	2.5	2	(5.4±0.6)×(8.7±0.6)	93
A1131102343000101BK	4	2	(5.8±0.6)×(9.6±0.6)	126
A1132102343000101BK	4	2	(6.2±0.6)×(10.4±0.6)	132
A1131102344000101BK	6	2	(6.5±0.6)×(10.8±0.6)	173
A1132102344000101BK	6	2	(7.0±0.6)×(11.7±0.6)	180
A1132102345000101BK	10	2	(8.4±0.8)×(14.4±0.8)	284

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Technical Data

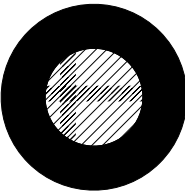
- Rated Voltage**
 - U0/U : 300/500V
- Minimum bending radius**
 - Single solid copper conductor
Flexing: 20D (Cable O.D.)
 - Stranded round copper conductor
Flexing: 15D (Cable O.D.)
- Temperature Range**
 - Flexing: -10° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1131103347000101BK	0.75	3	(4.0±0.6)×(8.3±0.6)	57
A1131103348000101BK	1.0	3	(4.1±0.6)×(8.8±0.6)	67
A1131103349000101BK	1.5	3	(4.6±0.6)×(10.1±0.6)	90
A1131103350000101BK	2.5	3	(5.4±0.6)×(12.1±0.6)	134
A1131103351000101BK	4	3	(5.8±0.6)×(13.5±0.6)	184
A1132103351000101BK	4	3	(6.2±0.8)×(14.5±0.8)	192
A1131103352000101BK	6	3	(6.5±0.8)×(15.1±0.8)	253
A1132103352000101BK	6	3	(7.0±0.8)×(16.5±0.8)	263
A1132103353000101BK	10	3	(8.4±1.0)×(20.4±1.0)	416

RV PVC Insulated Unsheathed Flexible Cable



cross section



Application Range

- Applicable to the more stringent requirements of the flexible installation places
- Electric control cabinet
All kinds of low-voltage electrical equipment
- Can be used for power, electrical control signal transmission and suitable for humid and oily places.

Product Structure

- Conductor: Soft Copper Conductors
Core insulation: PVC/C
- Color of core and sheath:
- As per customer's requirement
Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5023
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

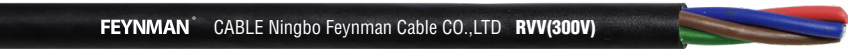
- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0435101012000100BK	0.5	1	2.1±0.16	9
A0435101013000100BK	0.75	1	2.3±0.16	11
A0435101014000100BK	1.0	1	2.5±0.16	14
A0255101016000100BK	1.5	1	3.0±0.16	21
A0255101018000100BK	2.5	1	3.7±0.16	33
A0255101019000100BK	4	1	4.2±0.2	48
A0255101020000100BK	6	1	4.8±0.2	68
A0255101021000100BK	10	1	6.5±0.2	114
A0255101022000100BK	16	1	7.7±0.2	173

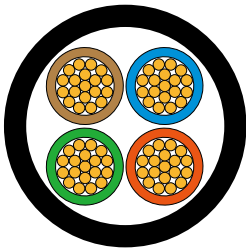
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A0255101023000100BK	25	1	9.6±0.2	268
A0255101024000100BK	35	1	10.9±0.2	364
A0255101025000100BK	50	1	13.1±0.2	519
A0255101026000100BK	70	1	15.0±0.2	709
A0255101027000100BK	95	1	17.8±0.2	963
A0255101028000100BK	120	1	19.8±0.2	1200
A0255101029000100BK	150	1	22.1±0.2	1500
A0255101030000100BK	185	1	24.3±0.2	1848
A0255101031000100BK	240	1	27.6±0.2	2388

RVV(300V) PVC Insulated PVC Sheathed Flexible Cable



cross section



Application Range

- Mainly used for medium mobile appliances
- Light mobile electrical appliances
- Instrumentation
- Household appliances
- Power lighting and other flexible places of use

Product Structure

- Conductor: Soft Copper Conductors
Core insulation: PVC/D
- Outer sheath: PVC/ST5
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5023
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

Technical Data



- Rated Voltage**
- U0/U : 300/500V
- Minimum bending radius**
- Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)



- Temperature Range**
- Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C



- Flammability**
- Flame-retardant according
GB/T 18380



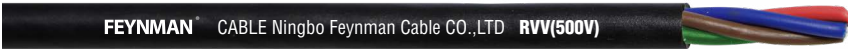
- Good chemical resistance**
- Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1225102338001422BK	0.5 (flat)	2	(3.1×5.0) ±0.4	26
A1225102012001422BK	0.5	2	5.1±0.4	32
A1225102339001422BK	0.75 (flat)	2	(3.3×5.4)±0.4	43

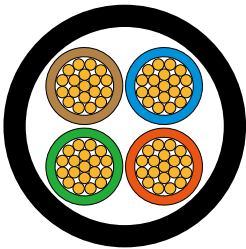
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1225102013001422BK	0.75	2	5.6±0.4	32
A1225103012001422BK	0.5	3	5.4±0.4	38
A1225103013001422BK	0.75	3	5.8±0.4	48

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

RVV(500V) PVC Insulated PVC Sheathed Flexible Cable



cross section



Application Range

- Mainly used for medium mobile appliances
- Light mobile electrical appliances
- Instrumentation
- Household appliances
- Power lighting and other flexible places of use

Product Structure

- Conductor: Soft Copper Conductors
Core insulation: PVC/D
- Outer sheath: PVC/ST5
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: JB/T3956 GB/T 5023
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

Technical Data



- Rated Voltage**
- U0/U : 300/500V
- Minimum bending radius**
- Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)



- Temperature Range**
- Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C



- Flammability**
- Flame-retardant according
GB/T 18380



- Good chemical resistance**
- Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1335102339001422BK	0.75 (flat)	2	(3.9×6.2) ±0.4	39
A1335102013001422BK	0.75	2	6.3±0.4	51
A1335102340001422BK	1.0 (flat)	2	(4.1×6.6) ±0.4	46
A1335102014001422BK	1.0	2	6.6±0.4	58
A1335102016001422BK	1.5	2	7.7±0.4	82
A1335102018001422BK	2.5	2	9.5±0.4	121
A1335103013001422BK	0.75	3	6.7±0.4	58
A1335103014001422BK	1.0	3	7.0±0.4	69
A1335103016001422BK	1.5	3	8.4±0.6	100
A1335103018001422BK	2.5	3	10.1±0.6	150
A1335104013001422BK	0.75	4	7.3±0.4	74
A1335104014001422BK	1.0	4	7.9±0.4	90
A1335104016001422BK	1.5	4	9.4±0.6	128
A1335104018001422BK	2.5	4	11.3±0.6	197
A1335105013001422BK	0.75	5	8.1±0.6	93
A1335105014001422BK	1.0	5	8.5±0.6	110
A1335105016001422BK	1.5	5	10.4±0.6	152
A1335105018001422BK	2.5	5	12.5±0.6	246

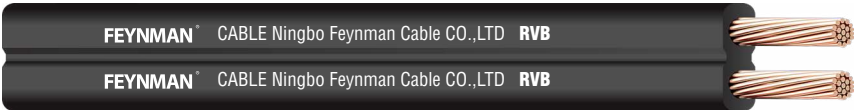
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1635102341001422BK	1.5 (flat)	2	(4.6×7.6)±0.4	62
A1635102342001422BK	2.5 (flat)	2	(5.7×9.4)±0.4	98
A1635102343001422BK	4 (flat)	2	(6.2×10.4)±0.6	132
A1635102019001422BK	4	2	10.7±0.6	146
A1635102344001422BK	6 (flat)	2	(7.0×11.8)±0.6	181
A1635102020001422BK	6	2	11.9±0.6	192
A1635102021001422BK	10	2	45.5±1	309
A1635103019001422BK	4	3	11.6±0.8	203
A1635103020001422BK	6	3	12.8±0.6	270
A1635103021001422BK	10	3	16.9±0.8	444
A1635104019001422BK	4	4	12.6±0.6	257
A1635104020001422BK	6	4	14.1±0.6	345
A1635104021001422BK	10	4	18.6±0.8	570
A1635105019001422BK	4	5	14.2±0.6	324
A1635105020001422BK	6	5	15.9±0.8	435
A1635105021001422BK	10	5	20.9±1.0	714
A1635106013001422BK	0.75	6	7.4±0.4	82
A1635106014001422BK	1.0	6	9.8±0.6	129

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1635106016001422BK	1.5	6	11.3±0.6	178
A1635106018001422BK	2.5	6	13.6±0.6	267
A1635107013001422BK	0.75	7	7.4±0.4	92
A1635107014001422BK	1.0	7	9.8±0.6	143
A1635107016001422BK	1.5	7	11.3±0.6	198
A1635107018001422BK	2.5	7	14.2±0.8	319
A1635108013001422BK	0.75	8	8.4±0.6	112
A1635108014001422BK	1.0	8	10.8±0.6	168
A1635108016001422BK	1.5	8	12.4±0.6	232
A1635108018001422BK	2.5	8	15.0±0.8	342
A1635110012001422BK	0.5	10	9.4±0.6	106
A1635110013001422BK	0.75	10	10.2±0.6	136
A1635110014001422BK	1.0	10	12.9±0.6	203
A1635110016001422BK	1.5	10	15.3±0.8	296
A1635110018001422BK	2.5	10	18.2±0.8	444
A1635112012001422BK	0.5	12	9.7±0.6	121
A1635112013001422BK	0.75	12	10.9±0.6	166
A1635112014001422BK	1.0	12	13.3±0.6	233
A1635115013001422BK	0.75	15	12.0±0.6	200
A1635115014001422BK	1.0	15	14.7±0.8	283
A1635116013001422BK	0.75	16	12.0±0.6	210
A1635116014001422BK	1.0	16	14.7±0.8	297
A1635119013001422BK	0.75	19	12.5±0.6	241
A1635119014001422BK	1.0	19	15.4±0.8	343
A1635120012001422BK	0.5	20	11.5±0.6	195
A1635120013001422BK	0.75	20	12.5±0.6	254

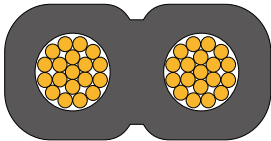
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1635120014001422BK	1.0	20	15.4±0.8	362
A1635124013001422BK	0.75	24	14.5±0.8	299
A1635124014001422BK	1.0	24	17.9±0.8	427
A1635125013001422BK	0.75	25	14.8±0.8	309
A1635125014001422BK	1.0	25	18.3±0.8	441
A1635130013001422BK	0.75	30	15.7±0.8	374
A1635130014001422BK	1.0	30	19.4±0.8	533
A1635137013001422BK	0.75	37	16.8±0.8	448
A1635137014001422BK	1.0	37	20.8±1	641
A1635140013001422BK	0.75	40	18.7±0.8	480
A1635140014001422BK	1.0	40	23.3±1	688
A1635141013001422BK	0.75	41	18.7±0.8	494
A1635141014001422BK	1.0	41	23.3±1	708
A1635103614001422BK	0.75/2.0	2/1	6.7±0.4	62
A1635106615001422BK	0.75/2.0	5/1	8.6±0.6	104
A1635107616001422BK	0.75/2.0	6/1	8.6±0.6	114
A1635108617001422BK	0.75/2.0	7/1	9.6±0.6	137
A1635112618001422BK	0.75/2.0	11/1	11.1±0.6	183
A1635113619001422BK	0.75/2.0	12/1	11.5±0.6	195
A1635119620001422BK	0.75/2.0	18/1	12.6±0.6	259
A1635120621001422BK	0.75/2.0	19/1	12.9±0.6	273
A1635125622001422BK	0.75/2.0	24/1	15.2±0.8	342
A1635130623001422BK	0.75/2.0	29/1	15.7±0.8	395
A1635137624001422BK	0.75/2.0	36/1	16.8±0.8	469
A1635139625001422BK	0.75/2.0	38/1	17.3±0.8	492

RVB Flat Unsheathed Flexible Wire



cross section



Application Range

- Suitable for household lighting, electrical appliances, instruments
- Broadcasting audio connection
- Control wires, fire-fighting wires, etc.

Product Structure

- Conductor: Soft Copper Conductors
- Core insulation: PVC/D
- Color of core and sheath:
As per customer's requirement
- Material of core and sheath:
As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1726102338001400BK	0.5	2	(2.5±0.2)×(5.0±0.2)	25
A1726102339001400BK	0.75	2	(2.7±0.2)×(5.5±0.2)	33
A1726102340001400BK	1.0	2	(2.9±0.2)×(5.8±0.2)	40
A1726102341001400BK	1.5	2	(3.2±0.2)×(6.4±0.2)	53

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1726102342001400BK	2.5	2	(3.6±0.2)×(7.2±0.2)	78
A1726102343001400BK	4.0	2	(4.6±0.2)×(9.2±0.2)	126
A1726102344001400BK	6.0	2	(5.1±0.2)×(10.2±0.2)	174

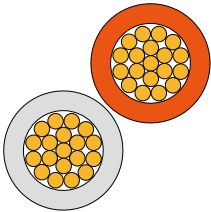
Technical Data

- ⚡ **Rated Voltage**
 - U0/U : 300/300V
- 📏 **Minimum bending radius**
 - Flexing: 5D (Cable O.D.)
 - Fixed installation: 10D(Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C
- 🔥 **Flammability**
 - Flame-retardant according GB/T 18380
- 🧪 **Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

Flexible Wires For RVS Twisted Connections



cross section



Application Range

- Suitable for fire protection automatic fire alarm system
- Household appliances
Small electric tools
- Connection of audio equipment and other roles

Product Structure

- Conductor: Soft Copper Conductors
Core insulation: PVC/D
- Color of core and sheath:
- As per customer's requirement
- Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A182610201200140000	0.5	2	5.1±0.4	23
A182610201300140000	0.75	2	5.5±0.4	30
A182610201400140000	1.0	2	5.8±0.4	36
A182610201600140000	1.5	2	6.2±0.4	43

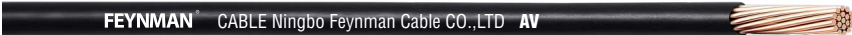
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Technical Data

- Rated Voltage**
 - U0/U : 300/300V
- Minimum bending radius**
 - Flexing: 5D (Cable O.D.)
 - Fixed installation: 10D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A182610201800140000	2.5	2	7.8±0.4	76
A182610201900140000	4	2	9.0±0.6	113
A182610202000140000	6	2	11.0±0.6	170

AV PVC Insulated Unsheathed Cable



cross section



Application Range

- Mainly used for power supply
- Lighting, socket, air conditioning
- Daily appliances, meters
- Telecommunication equipment

Product Structure

- Conductor: Copper Conductors
Core insulation: PVC/C
- Color of core and sheath:
- As per customer's requirement
- Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
Working temperature does not exceed 70 °C
- Use standard:
Insulation thickness,
easy to cut wire, easy to strip

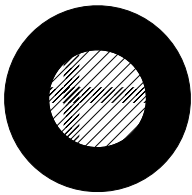
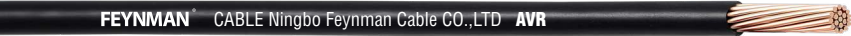
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1921101001000100BK	0.08	1	1.1±0.1	2
A1921101003000100BK	0.12	1	1.2±0.1	3
A1921101005000100BK	0.2	1	1.3±0.1	4

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A1921101008000100BK	0.3	1	1.4±0.1	5
A1921101011000100BK	0.4	1	1.5±0.1	6

AVR PVC Insulated Unsheathed Flexible Cable

cross section



Application Range

- Mainly used in building intercom system
- Burglar alarm system
- Automation control system
- Electrical equipment control line
- Electronic equipment and other transmission wires and cables

Product Structure

- Conductor: Soft Copper Conductors
- Core insulation: PVC/C
- Color of core and sheath:
- As per customer's requirement
- Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Core insulation Conformity: GB/T 5023

Properties

- Characteristics:
- Working temperature does not exceed 70 °C
- Use standard:
- Insulation thickness,
- easy to cut wire,
- easy to strip

Technical Data

- Rated Voltage**
 - U0/U : 300/300V
- Minimum bending radius**
 - Flexing: 5D (Cable O.D.)
 - Fixed installation: 10D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

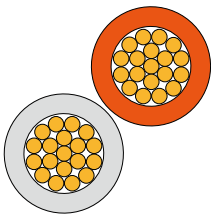
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2126201001001400BK	0.08	1	1.2±0.1	2
A2126201003001400BK	0.12	1	1.3±0.1	3
A2126201005001400BK	0.2	1	1.4±0.1	4

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2126201008001400BK	0.3	1	1.7±0.1	6
A2126201011001400BK	0.4	1	1.8±0.1	7

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Flexible Wires For AVRS Twisted Connections

cross section



Application Range

- Typically used for public address systems
- Background music system wiring
- Fire Fighting System Wiring

Product Structure

- Conductor: Soft Copper Conductors
- Core insulation: PVC/D
- Color of core and sheath:
- As per customer's requirement
- Material of core and sheath:
- As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: JB/T 8734

Properties

- Characteristics:
- Working temperature does not exceed 70 °C
- Use standard:
- Insulation thickness,
- easy to cut wire,
- easy to strip

Technical Data

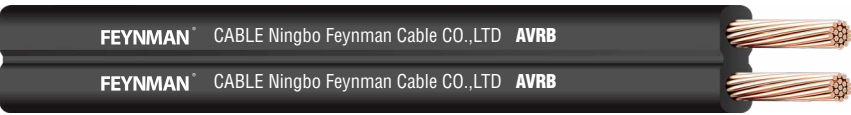
- Rated Voltage**
 - U0/U : 300/300V
- Minimum bending radius**
 - Flexing: 5D (Cable O.D.)
 - Fixed installation: 10D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C ~ +70° C
 - Fixed installation: -5° C ~ +70° C
- Flammability**
 - Flame-retardant according GB/T 18380
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A312620200300140000	0.12	2	3.0±0.4	7
A312620200500140000	0.2	2	3.6±0.4	11

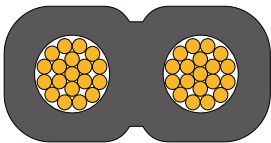
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A312620200800140000	0.3	2	3.8±0.4	13
A312620201100140000	0.4	2	4.0±0.4	15

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AVRB Flat Unsheathed Installation Flexible Cable



cross section



Application Range

- Suitable for background music and public broadcasting

Product Structure

- Conductor: Soft Copper Conductors
- Core insulation: PVC/D
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 5023

Properties

- Characteristics: Working temperature does not exceed 70 °C
- Use standard: Insulation thickness, easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2326202357001400BK	0.3	2	(1.5±0.2)×(2.9±0.2)	7.7
A2326202358001400BK	0.4	2	(1.8±0.2)×(3.6±0.2)	11.9

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Technical Data



Rated Voltage

- U0/U : 300/300V



Minimum bending radius

- Flexing: 5D (Cable O.D.)
- Fixed installation: 10D (Cable O.D.)



Temperature Range

- Flexing: -10° C ~ +70° C
- Fixed installation: -5° C ~ +70° C



Flammability

- Flame-retardant according GB/T 18380

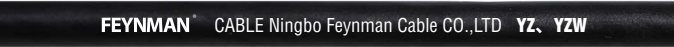


Good chemical resistance

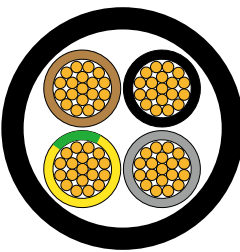
- Good oil resistance,
- Cold resistance,
- Acid and Alkali resistance
- Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A2326202359001400BK	0.3	2	(1.9±0.2)×(3.8±0.2)	14.7
A2326202360001400BK	0.4	2	(2.0±0.2)×(4.1±0.2)	17.8

YZ and YZW Ordinary Strength Rubber Sheathed Flexible Cables



cross section



Application Range

- Ideal for electrical connections to industrial equipment
- Can be used as a power cord
- For light or heavy machinery
- Can be installed in dry or wet rooms
- Can also be used in open and wet outdoor environments

Standards/Certification

- Norm Reference: GB/T 5013
- Conductor Conformity: IEC 60228/VDE 0295

Product Structure

- Conductor: Multiple strands of fine stranded bare copper wire
- Core insulation: Special rubber insulation mix
- Outer sheath: Special rubber insulation mix
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Properties

- Characteristics: Working temperature does not exceed 60 °C
- Use standard: Insulation thickness, easy to cut wire, easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3635102013002321BK	0.75	2	6.6±0.2	61
A3635102014002321BK	1	2	7.1±0.2	73
A3635102016002321BK	1.5	2	8.7±0.3	115
A3635102018002321BK	2.5	2	5.3±0.2	160
A3635103013002321BK	0.75	3	7.2±0.2	75
A3635103014002321BK	1	3	7.5±0.2	86
A3635103016002321BK	1.5	3	9.2±0.3	135
A3635103018002321BK	2.5	3	11±0.3	190
A3635104013002321BK	0.75	4	7.5±0.2	78
A3635104014002321BK	1	4	8.2±0.3	105
A3635104016002321BK	1.5	4	10.3±0.3	165
A3635104018002321BK	2.5	4	12.3±0.3	235
A3635105013002321BK	0.75	5	8.8±0.3	98
A3635105014002321BK	1	5	9.2±0.3	114
A3635105016002321BK	1.5	5	11.3±0.3	190
A3635105018002321BK	2.5	5	13.6±0.3	285

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Technical Data



Rated Voltage

- U0/U : 300/500V



Minimum bending radius

- Flexing: 6D (Cable O.D.)
- Fixed installation: 13D (Cable O.D.)



Temperature Range

- Flexing: -25° C ~ +60° C
- Fixed installation: -15° C ~ +60° C



Flammability

- Flame-retardant according IEC 60332.1

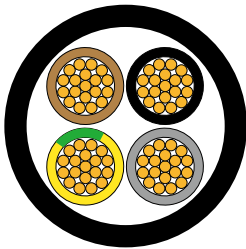
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3735102013002321BK	0.75	2	6.6±0.2	61
A3735102014002321BK	1	2	7.1±0.2	73
A3735102016002321BK	1.5	2	8.7±0.3	115
A3735102018002321BK	2.5	2	5.3±0.2	160
A3735103013002321BK	0.75	3	7.2±0.2	75
A3735103014002321BK	1	3	7.5±0.2	86
A3735103016002321BK	1.5	3	9.2±0.3	135
A3735103018002321BK	2.5	3	11±0.3	190
A3735104013002321BK	0.75	4	7.5±0.2	78
A3735104014002321BK	1	4	8.2±0.3	105
A3735104016002321BK	1.5	4	10.3±0.3	165
A3735104018002321BK	2.5	4	12.3±0.3	235
A3735105013002321BK	0.75	5	8.8±0.3	98
A3735105014002321BK	1	5	9.2±0.3	114
A3735105016002321BK	1.5	5	11.3±0.3	190
A3735105018002321BK	2.5	5	13.6±0.3	285

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

YC and YCW Heavy-duty Rubber Sheathed Flexible Cables

FEYNMAN[®] CABLE Ningbo Feynman Cable CO.,LTD **YZ, YCW**

cross section



Application Range

- Ideal for electrical connections in industrial equipment
- For power cords
- For light and heavy machinery
- Can be used in open and wet outdoor environments

Standards/Certification

- Norm Reference: GB/T 5013
- Conductor Conformity: IEC 60228/VDE 0295

Product Structure

- Conductor: Multiple strands of fine stranded bare copper wire
- Core insulation: Special rubber insulation mix
- Outer sheath: Special rubber insulation mix
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Properties

- Characteristics: Working temperature does not exceed 60 °C
- Use standard: Insulation thickness, easy to cut wire, easy to strip

Technical Data



Rated Voltage

- U0/U : 450/750V



Minimum bending radius

- Flexing: 6D (Cable O.D.)
- Fixed installation: 13D(Cable O.D.)



Temperature Range

- Flexing: -25° C ~ +60° C
- Fixed installation: -15° C ~ +60° C



Flammability

- Flame-retardant according IEC 60332.1

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3855101016002321BK	1.5	1	6.4±0.2	60
A3855101018002321BK	2.5	1	7.1±0.2	76
A3855101019002321BK	4	1	8.1±0.3	110
A3855101020002321BK	6	1	8.9±0.3	140
A3855101021002321BK	10	1	10.7±0.3	230
A3855101022002321BK	16	1	11.8±0.3	300
A3855101023002321BK	25	1	14.3±0.4	430
A3855101024002321BK	35	1	16.1±0.4	550
A3855101025002321BK	50	1	18.6±0.4	780
A3855101026002321BK	70	1	21±0.5	990
A3855101027002321BK	95	1	23.4±0.5	1320
A3855101028002321BK	120	1	25.7±0.6	1650
A3855101029002321BK	150	1	28.3±0.6	2050
A3855101030002321BK	185	1	31±0.7	2510
A3855101031002321BK	300	1	37.7±0.8	3980
A3855101032002321BK	400	1	42.1±0.9	5100
A3855102014002321BK	1	2	8.9±0.3	89
A3855102016002321BK	1.5	2	9.8±0.3	137
A3855102018002321BK	2.5	2	11.7±0.3	198
A3855102019002321BK	4	2	13.5±0.3	270
A3855102020002321BK	6	2	15±0.4	350
A3855102021002321BK	10	2	20.2±0.5	600

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3855102022002321BK	16	2	23±0.5	830
A3855102023002321BK	25	2	27.5±0.6	1180
A3855103014002321BK	1	3	9.5±0.3	119
A3855103016002321BK	1.5	3	10.6±0.3	170
A3855103018002321BK	2.5	3	12.5±0.3	240
A3855103019002321BK	4	3	14.5±0.4	350
A3855103020002321BK	6	3	16.1±0.4	430
A3855103021002321BK	10	3	21.7±0.5	820
A3855103022002321BK	16	3	24.7±0.5	1100
A3855103023002321BK	25	3	29.6±0.6	1380
A3855103024002321BK	35	3	33.2±0.7	2100
A3855103025002321BK	50	3	37.2±0.8	2750
A3855103026002321BK	70	3	43.4±0.9	3580
A3855103027002321BK	95	3	48.7±1.0	4600
A3855104014002321BK	1	4	10.6±0.3	155
A3855104016002321BK	1.5	4	11.7±0.3	210
A3855104018002321BK	2.5	4	13.8±0.3	285
A3855104019002321BK	4	4	16±0.4	415
A3855104020002321BK	6	4	17.9±0.4	569
A3855104021002321BK	10	4	24.7±0.5	980
A3855104022002321BK	16	4	27±0.6	1345
A3855104023002321BK	25	4	32.8±0.7	1980

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3855104024002321BK	35	4	36.8±0.8	2500
A3855104025002321BK	50	4	42.6±0.9	3360
A3855104026002321BK	70	4	48.4±1.0	4430
A3855104027002321BK	95	4	54.7±1.0	5880
A3855104028002321BK	120	4	59.5±1.0	7100
A3855104029002321BK	150	4	63±1.0	8750
A3855105014002321BK	1.0	5	11.7±0.3	200
A3855105016002321BK	1.5	5	12.8±0.3	250
A3855105018002321BK	2.5	5	15.2±0.4	345
A3855105019002321BK	4	5	17.8±0.4	485
A3855105020002321BK	6	5	19.9±0.4	760
A3855105021002321BK	10	5	26±0.6	1300
A3855105022002321BK	16	5	29.9±0.6	1680
A3855105023002321BK	25	5	36.2±0.8	2470
A3955101016002321BK	1.5	1	6.4±0.2	60
A3955101018002321BK	2.5	1	7.1±0.2	76
A3955101019002321BK	4	1	8.1±0.3	110
A3955101020002321BK	6	1	8.9±0.3	140
A3955101021002321BK	10	1	10.7±0.3	230
A3955101022002321BK	16	1	11.8±0.3	300
A3955101023002321BK	25	1	14.3±0.4	430
A3955101024002321BK	35	1	16.1±0.4	550
A3955101025002321BK	50	1	18.6±0.4	780
A3955101026002321BK	70	1	21±0.5	990
A3955101027002321BK	95	1	23.4±0.5	1320
A3955101028002321BK	120	1	25.7±0.6	1650
A3955101029002321BK	150	1	28.3±0.6	2050
A3955101030002321BK	185	1	31±0.7	2510
A3955101031002321BK	300	1	37.7±0.8	3980
A3955101032002321BK	400	1	42.1±0.9	5100
A3955102014002321BK	1	2	8.9±0.3	89
A3955102016002321BK	1.5	2	9.8±0.3	137
A3955102018002321BK	2.5	2	11.7±0.3	198
A3955102019002321BK	4	2	13.5±0.3	270
A3955102020002321BK	6	2	15±0.4	350
A3955102021002321BK	10	2	20.2±0.5	600

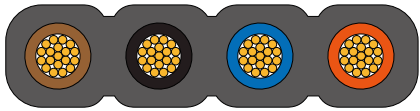
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
A3955102022002321BK	16	2	23±0.5	830
A3955102023002321BK	25	2	27.5±0.6	1180
A3955103014002321BK	1	3	9.5±0.3	119
A3955103016002321BK	1.5	3	10.6±0.3	170
A3955103018002321BK	2.5	3	12.5±0.3	240
A3955103019002321BK	4	3	14.5±0.4	350
A3955103020002321BK	6	3	16.1±0.4	430
A3955103021002321BK	10	3	21.7±0.5	820
A3955103022002321BK	16	3	24.7±0.5	1100
A3955103023002321BK	25	3	29.6±0.6	1380
A3955103024002321BK	35	3	33.2±0.7	2100
A3955103025002321BK	50	3	37.2±0.8	2750
A3955103026002321BK	70	3	43.4±0.9	3580
A3955103027002321BK	95	3	48.7±1.0	4600
A3955104014002321BK	1	4	10.6±0.3	155
A3955104016002321BK	1.5	4	11.7±0.3	210
A3955104018002321BK	2.5	4	13.8±0.3	285
A3955104019002321BK	4	4	16±0.4	415
A3955104020002321BK	6	4	17.9±0.4	569
A3955104021002321BK	10	4	24.7±0.5	980
A3955104022002321BK	16	4	27±0.6	1345
A3955104023002321BK	25	4	32.8±0.7	1980
A3955104024002321BK	35	4	36.8±0.8	2500
A3955104025002321BK	50	4	42.6±0.9	3360
A3955104026002321BK	70	4	48.4±1.0	4430
A3955104027002321BK	95	4	54.7±1.0	5880
A3955104028002321BK	120	4	59.5±1.0	7100
A3955104029002321BK	150	4	63±1.0	8750
A3955105014002321BK	1.0	5	11.7±0.3	200
A3955105016002321BK	1.5	5	12.8±0.3	250
A3955105018002321BK	2.5	5	15.2±0.4	345
A3955105019002321BK	4	5	17.8±0.4	485
A3955105020002321BK	6	5	19.9±0.4	760
A3955105021002321BK	10	5	26±0.6	1300
A3955105022002321BK	16	5	29.9±0.6	1680
A3955105023002321BK	25	5	36.2±0.8	2470

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TVVB Elevator Traveling Flat Cable Low Speed and Low Height



cross section



Application Range

- Adapted to the inside of the elevator as the accompanying suspension cable
- Suitable for low-speed and low-height elevators

Product Structure

- Conductor: multi stranded oxygen free bare copper conductor
- Core insulation: PVC/D
- Outer sheath: PVC/ST5
- Core structure: straight or plum blossom arrangement
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5023
- Conductor Conformity: GB/T 3956
- Insulation: GB/T 5023
- Sheath Conforms: GB/T 5023

Properties

- Characteristics: Working temperature does not exceed 70 °C
- Service life (number of runs): ≥ 3 million times

Technical Data



- Rated Voltage**
- ≤ 1.0mm², 300/500V
 - > 1.0mm², 450/750V



- Bending Cycles and Operation Parameters**
- Free suspension length: ≤ 35m
 - Running speed: ≤ 1.6m/second
 - Service life (number of runs): ≥ 3 million times



- Temperature Range**
- Temperature range: -5° C ~ +70° C



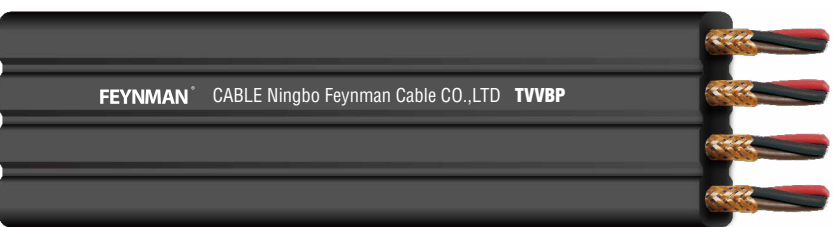
- Flammability**
- Flame-retardant according IEC60332-3 B IEC60332-3 C

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
S0136103013001422GY	0.75	3	(10.1±1.0)×(4.6±0.5)	80
S0136104013001422GY	0.75	4	(12.4±1.0)×(4.6±0.5)	110
S0136106013001422GY	0.75	6	(19.1±1.0)×(4.6±0.5)	170
S0136109013001422GY	0.75	9	(26.3±1.5)×(4.6±0.5)	230
S0136112013001422GY	0.75	12	(33.2±1.5)×(4.6±0.5)	310
S0136116013001422GY	0.75	16	(43.3±1.5)×(4.6±0.5)	380
S0136118013001422GY	0.75	18	(48.3±1.5)×(4.8±0.5)	450
S0136120013001422GY	0.75	20	(55.0±1.5)×(4.6±0.5)	490
S0136124013001422GY	0.75	24	(64.4±2.0)×(4.6±0.5)	570
S0136103014001422GY	1	3	(14.2±1.0)×(5.2±9.5)	150
S0136104014001422GY	1	4	(14.0±1.0)×(4.8±0.5)	660
S0136105014001422GY	1	5	(17.7±1.0)×(4.8±0.5)	180
S0136106014001422GY	1	6	(19.2±1.0)×(4.8±0.5)	200
S0136112014001422GY	1	12	(35.5±1.5)×(4.8±0.5)	360

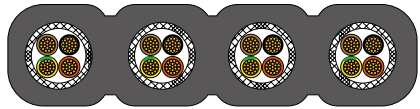
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
S0136116014001422GY	1	16	(46.6±1.5)×(4.8±0.5)	480
S0136118014001422GY	1	18	(53.7±1.5)×(4.8±0.5)	500
S0136120014001422GY	1	20	(67.2±2.0)×(4.8±0.5)	630
S0136124014001422GY	1	24	(68.9±2.0)×(4.8±0.5)	660
S0356103016001422GY	1.5	3	(14.2±1.0)×(5.2±0.5)	150
S0356103018001422GY	2.5	3	(16.6±1.0)×(6.0±0.5)	210
S0356104016001422GY	1.5	4	(16.2±1.0)×(5.2±0.5)	180
S0356104018001422GY	2.5	4	(19.0±1.0)×(6.0±0.5)	250
S0356105016001422GY	1.5	5	(20.3±1.5)×(5.2±0.5)	230
S0356105018001422GY	2.5	5	(24.5±1.5)×(6.0±0.5)	310
S0356106016001422GY	1.5	6	(23.3±1.5)×(5.2±0.5)	250
S0356112016001422GY	1.5	12	(41.6±1.5)×(5.2±0.5)	460
S0356112018001422GY	2.5	12	(48.8±1.5)×(5.8±0.5)	660

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TVVBP Elevator Traveling Shielded Flat Cable Low Speed and Low Height



cross section



Application Range

- Adapted to the inside of the elevator as the accompanying suspension cable
- Suitable for low-speed and low-height elevators

Product Structure

- Conductor: multi stranded oxygen free bare copper conductor
- Core insulation: PVC/D
- Braiding: Copper sheilding braid shielding
- Outer sheath: PVC/ST5
- Core structure: straight or plum blossom arrangement
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5023
- Conductor Conformity: GB/T 3956
- Insulation: GB/T 5023
- Sheath Conforms: GB/T 5023

Properties

- Characteristics: Working temperature does not exceed 70 °C
- Service life (number of runs): ≥ 3 million times

PLN	AWG+cross ectional (mm ²)	APP.OD L×M (mm)	APP.W (kg/km)
S0736114673001422GY	10*0.75+2*2P*0.5	(26.5±1.5)×(5.2±0.5)	370
S0736114674001422GY	10*0.75+2*2P*0.75	(26.8±1.5)×(9.0±1.0)	390
S0736116675001422GY	12*0.75+2*2P*0.75	(29.3±1.5)×(8.8±1.0)	460
S0736130676001422GY	16*1+6*1.5+2*4*0.25	(75.3±2.0)×(5.5±Q, 5)	790
S0736126677001422GY	24*0.75+(2*0.5)P	(69.2±2.0)×(5.2±0.5)	680

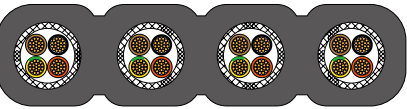
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	AWG+cross ectional (mm ²)	APP.OD L×M (mm)	APP.W (kg/km)
S0736104678001422GY	2*2P*0.75	(13.0±1.0)×(6.8±1.0)	140
S0736106679001422GY	3*2P*0.75	(16.5±1.5)×(7.2±1.0)	220
S0736112680001422GY	6*2P*0.75	(32.6±1.5)×(7.0±1.0)	430
S0736120681001422GY	10*2P*0.75	(48.0±1.5)×(7.0±1.0)	510

Elevator Traveling Flat Cable, Medium Speed, Medium Height



cross section



Application Range

- Suitable for hanging cables inside elevators,
- Suitable for medium speed and medium height elevators.

Product Structure

- Conductor: multi stranded oxygen free bare copper conductor
- Core insulation: PVC/D
- Braiding: Copper sheilding braid shielding
- Outer sheath: PVC/ST5
- Core structure: straight or plum blossom arrangement
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Insulation: GB/T 5023
- Sheath Conforms: GB/T 5023

Properties

- Characteristics: Working temperature does not exceed 70 °C
- Service life (number of runs): ≥ 3 million times

Technical Data

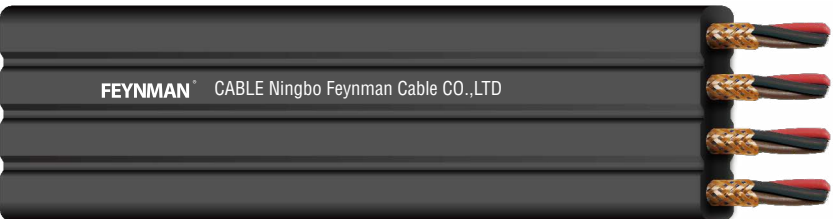
- Rated Voltage**
 - U0/U : 300/500V
- Bending Cycles and Operation Parameters**
 - Free suspension length: ≤ 80m
 - Running speed: ≤ 4m/second
 - Service life (number of runs): ≥ 3 million times
- Temperature Range**
 - Temperature range: -5° C ~ +70° C
- Flammability**
 - Flame-retardant according IEC60332-3 B IEC60332-3 C

PLN	AWG+cross ectional (mm ²)	APP.OD L×M (mm)	APP.W (kg/km)
S0236130013001422GY	30*0.75	(40.0±1.5)×(8.2±1.0)	600
S0236136013001422GY	36*0.75	(43.1±1.5)×(8.8±1.0)	690
S0236140013001422GY	40*0.75	(50.0±1.5)×(8.2±1.0)	780
S0236142013001422GY	42*0.75	(60.8±2.0)×(8.8±1.0)	1000
S0236148013001422GY	48*0.75	(55.2±1.5)×(8.8±1.0)	900
S0236160013001422GY	60*0.75	(68.0±1.5)×(8.8±1.0)	1110
S0636128682001422GY	24*0.75+2*2P*0.75	(43.1±1.5)×(8.8±1.0)	690
S0636134683001422GY	30*0.75+2*2P*0.75	(50.3±1.5)×(8.5±1.0)	780
S0636140684001422GY	36*0.75+2*2P*0.75	(54.5±1.5)×(8.8±1.0)	860
S0836128682001422GY	24*0.75+2*2P*0.75	(39.6±1.5)×(8.8±1.0)	620
S0836134683001422GY	30*0.75+2*2P*0.75	(47.3±1.5)×(8.2±1.0)	720

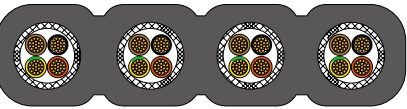
PLN	AWG+cross ectional (mm ²)	APP.OD L×M (mm)	APP.W (kg/km)
S0836140684001422GY	36*0.75+2*2P*0.75	(52.4±1.5)×(8.8±1.0)	820
S0836144685001422GY	40*0.75+2*2P*0.75	(58.4±1.5)×(8.2±1.0)	930
S0836130688001422GY	24*0.75+2*2P*0.75+1*2+CAT5E	(48.7±2.0)×(8.8±1.0)	690
S0836153689001422GY	40*0.75+3*2P*0.75+5*2+2*1	(73.0±2.5)×(9.5±1.0)	1280
S0836149690001422GY	44*0.75+2*2P*0.75+1*2	(63.0±2.0)×(8.8±1.0)	1030
S0836152686001422GY	48*0.75+2*2P*0.75	(63.8±2.0)×(8.8±1.0)	1060
S1036137691001422GY	36*0.75+75-5	(51.6±1.5)×(8.8±1.0)	850
S1236135692001422GY	30*0.75+2*2P*0.75+75-5	(59.6±1.5)×(8.5±1.0)	900
S1236141693001422GY	36*0.75+2*2P*0.75+75-5	(72.4±2.5)×(8.8±1.0)	1000
S1236145694001422GY	40*0.75+2*2P*0.75+75-5	(69.2±2.0)×(8.0±1.0)	990
S1236153695001422GY	48*0.75+2*2P*0.75+75-5	(74.2±2.5)×(8.8±1.0)	1170

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Elevator Traveling Flat Cable, at High Speed and Height



cross section



Application Range

- Suitable for hanging cables inside elevators,
- suitable for high-speed and high-altitude elevators.

Product Structure

- Conductor: multi stranded oxygen free bare copper conductor
- Core insulation: PVC/D
- Braiding: Copper sheilding braid shielding
- Outer sheath: PVC/ST5
- Core structure: straight or plum blossom arrangement
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: JB/T 8734
- Conductor Conformity: GB/T 3956
- Insulation: GB/T 5023
- Sheath Conforms: GB/T 5023

Properties

- Characteristics: Working temperature does not exceed 70 °C
- Service life (number of runs): ≥ 3 million times

PLN	AWG+cross ectional (mm ²)	APP.OD L×M (mm)	APP.W (kg/km)
S1436130013001422GY	30*0.75	(49.8±1.5)×(8.2±1.0)	760
S1436136013001422GY	36*0.75	(52.4±1.5)×(8.8±1.0)	940
S1436140013001422GY	40*0.75	(62.5±2.0)×(8.2±1.0)	1000
S1436142013001422GY	42*0.75	(60.8±1.5)×(8.8±1.0)	1000
S1436148013001422GY	48*0.75	(64.8±1.5)×(8.8±1.0)	1070
S1436160013001422GY	60*0.75	(83.0±2.5)×(8.8±1.0)	1360
S1636128682001422GY	24*0.75+2*2P*0.75	(50.8±1.5)×(8.8±1.0)	810
S1636134683001422GY	30*0.75+2*2P*0.75	(58.2±1.5)×(8.2±1.0)	890
S1636140684001422GY	36*0.75+2*2P*0.75	(61.2±2.0)×(8.8±1.0)	1040
S1636153689001422GY	40*0.75+3*2P*0.75+5*2+2*1	(83.0±2.5)×(9.5±1.0)	1480
S1836164687001422GY	60*0.75+2*2P*0.75	(92.6±3.0)×(9.0±1.0)	1560
S2036137691001422GY	36*0.75+75-5	(60.2±1.5)×(8.8±1.0)	980
S2036161697001422GY	60*0.75+75-5	(86.0±2.0)×(8.8±1.0)	1420
S2036141693001422GY	36*0.75+2*2P*0.75+75-5	(72.4±2.0)×(8.8±1.0)	1180
S2236159698001422GY	40*0.75+3*2P*0.75+5*2+2*1+75-5	(92.9±3.0)×(9.5±1.5)	1630

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PLN	AWG+cross ectional (mm ²)	APP.OD L×M (mm)	APP.W (kg/km)
S2036153695001422GY	48*0.75+2*2P*0.75+75-5	(89.2±2.5)×(8.8±1.0)	1450
S1836128682001422GY	24*0.75+2*2P*0.75	(52.4±1.5)×(8.8±1.0)	860
S1836134683001422GY	30*0.75+2*2P*0.75	(60.0±1.5)×(8.5±1.0)	960
S1836140684001422GY	36*0.75+2*2P*0.75	(66.0±2.0)×(8.8±1.0)	1060
S1836144685001422GY	40*0.75+2*2P*0.75	(70.6±2.5)×(8.5±1.0)	1150
S1636146699001422GY	40*0.75+2*2P*0.75+2*1	(70.9±2.0)×(8.8±1.0)	1150
S1936103700001422GY	2*1+75-5	(22.0±1.5)×(8.6±1.0)	340
S2036113701001422GY	12*0.75+75-5	(31.0±1.5)(8.8±1.0	480
S2036121702001422GY	20*0.75+75-5	(42.0±1.5)×(8.5±1.0)	660
S2036125703001422GY	24*0.75+75-5	(48.2±1.5)×(9.0±1.)	780
S2236105704001422GY	2*2P*0.75+75-5	(30.0±1.5)×(8.4±1.0)	450
S2236113705001422GY	6*2P*0.75+75-5	(45.5±1.5)×(7.5±1.0)	590
S2236117706001422GY	8*2P*0.75+75-5	(53.8±1.5)×(7.5±1.0)	720
S1736103708001422GY	2*1+CAT7	(22.0±1.5)×(9.6±1.0)	300

INDUSTRIAL AUTOMATION MORE CONVENIENT AND RELIABLE



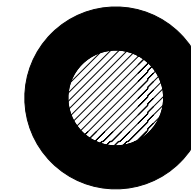
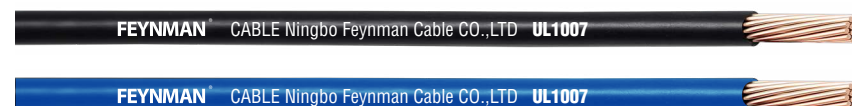
7

UL CABLE

- UL1007
- UL1015
- UL1061
- UL1185
- UL1569
- UL1571
- UL1617
- UL1672
- UL10269
- UL10368
- UL2464
- UL2468
- UL2517
- UL2570
- UL2586
- UL2725
- UL2835
- UL20276
- UL20866

UL1007

cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards:
UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper
32AWG ~ 16AWG
- Insulation : PVC
- Flame : Passes UL VW-1, CSA FT1
and JQA -F-Mark test
- Color of Sheath :
As per customer's requirement

Properties

- Rated temperature: 80 °C
- Rated voltage: 300V

Technical Data



- Conductor stranding**
- Confirm to UL Standard
 - UL758, UL1581,
 - CSA C22.2, No.210.2



- Rated Voltage**
- 300V

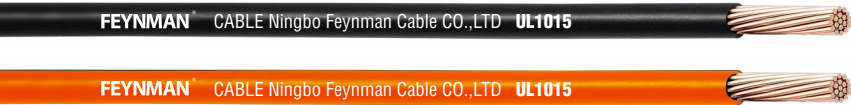


- Temperature Range**
- 80° C

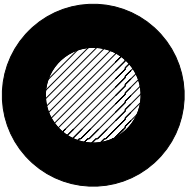
Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
32	1/0.20	0.20	0.38	1.00	563	2000
32	7/0.08	0.24	0.38	1.05	595	2000
30	1/0.254	0.25	0.38	1.05	361	2000
30	7/0.10	0.30	0.38	1.10	354	2000
28	1/0.32	0.32	0.38	1.10	227	2000
28	7/0.127	0.38	0.38	1.18	223	2000
28	7/0.1270S-1	0.38	0.38	1.20	239	2000
26	1/0.404	0.40	0.38	1.25	143	2000
26	7/0.16	0.48	0.38	1.28	140	2000
26	7/0.160S-1	0.48	0.38	1.30	150	2000
24	1/0.511	0.51	0.38	1.35	87.6	2000
24	11/0.16	0.61	0.38	1.41	94.2	2000
24	7/0.200S-1	0.60	0.38	1.40	94.2	2000
22	1/0.643	0.64	0.38	1.50	56.4	2000
22	17/0.16	0.76	0.38	1.56	55.4	2000
22	7/0.2540S-1	0.76	0.38	1.60	59.4	2000
20	1/0.813	0.81	0.38	1.65	35.2	2000
20	26/0.16	0.94	0.38	1.74	34.6	2000
20	7/0.320S-1	0.96	0.38	1.80	36.7	2000
18	1/1.024	1.02	0.38	1.85	22.2	2000
18	41/0.16	1.18	0.38	1.98	21.8	2000
18	7/0.4040S-1	1.21	0.38	2.10	23.2	2000
16	1/1.29	1.29	0.38	2.20	14.0	2000
16	26/0.254	1.56	0.38	2.36	13.7	2000

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
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UL1015



cross section



Highlights

- comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 30AWG~ 2000 kcmil
- Insulation : PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: + 80°C , + 90°C , +105°C
- Rated voltage: 600V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 600V



Temperature Range

- + 80°C , + 90°C , + 105°C

Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
7	147/0.3	4.73	1.14	7.01	1.70	2000
6	189/0.3	5.37	1.52	8.41	1.38	2000
4	299/0.3	6.79	1.52	9.83	0.865	2000
3	378/0.3	7.62	1.52	10.66	0.686	2000
2	475/0.3	8.62	1.52	11.66	0.544	2500
1	600/0.3	10.20	2.03	14.21	0.431	2500
1/0	272/0.5	10.70	2.03	14.76	0.350	2500
2/0	343/0.5	12.16	2.03	16.22	0.273	2500
3/0	433/0.5	13.77	2.03	17.83	0.220	2500
4/0	546/0.5	15.50	2.03	19.56	0.172	2500

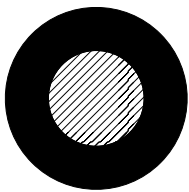
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
30	7/0.10	0.30	0.76	1.82	354	2000
28	1/0.32	0.32	0.76	1.90	227	2000
28	7/0.127	0.38	0.76	1.90	223	2000
28	7/0.1270S-1	0.38	0.76	2.00	239	2000
26	1/0.404	0.40	0.76	2.00	140	2000
26	7/0.16	0.48	0.76	2.00	150	2000
26	7/0.160S-1	0.48	0.76	2.10	150	2000
24	1/0.511	0.51	0.76	2.10	89.3	2000
24	11/0.16	0.61	0.76	2.13	87.6	2000
24	7/0.200S-1	0.60	0.76	2.25	94.2	2000
22	1/0.643	0.64	0.76	2.25	56.4	2000
22	17/0.16	0.76	0.76	2.28	55.4	2000
22	7/0.2540S-1	0.76	0.76	2.40	59.4	2000
20	1/0.813	0.81	0.76	2.40	35.2	2000
20	26/0.16	0.94	0.76	2.46	34.6	2000
20	7/0.320S-1	0.96	0.76	2.55	36.7	2000
18	1/1.024	1.02	0.76	2.65	22.2	2000
18	41/0.16	1.18	0.76	2.70	21.8	2000
18	7/0.4040S-1	1.21	0.76	2.80	23.2	2000
16	1/1.29	1.29	0.76	2.90	14.0	2000
16	26/0.254	1.56	0.76	3.08	13.7	2000
14	1/1.60	1.60	0.76	3.20	8.62	2000
14	41/0.254	2.03	0.76	3.55	8.61	2000
12	65/0.254	2.36	0.76	3.88	5.43	2000
11	82/0.254	2.65	0.76	4.17	4.3	2000
10	104/0.254	2.99	0.76	4.51	3.41	2000
9	94/0.3	3.76	0.76	5.28	2.70	2000
8	118/0.3	4.12	1.14	6.40	2.14	2000

UL1061



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 30AWG~14AWG
- Insulation : PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: + 80°C
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



Temperature Range

- + 80° C

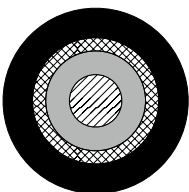
Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
30	1/0.254	0.25	0.23	0.75	361	2000
30	7/0.10	0.30	0.25	0.80	354	2000
28	1/0.32	0.32	0.23	0.85	227	2000
28	7/0.127	0.38	0.25	0.88	223	2000
28	7/0.1270S-1	0.38	0.23	0.90	239	2000
26	1/0.404	0.40	0.23	0.90	143	2000
26	7/0.16	0.48	0.25	0.98	140	2000
26	7/0.160S-1	0.48	0.23	1.00	150	2000
24	1/0.511	0.51	0.23	1.00	89.3	2000
24	11/0.16	0.61	0.25	1.11	87.6	2000
24	7/0.200S-1	0.60	0.23	1.10	94.2	2000
22	1/0.6431	0.64	0.23	1.15	56.4	2000
22	7/0.16	0.76	0.25	1.26	55.4	2000
22	7/0.2540S-1	0.76	0.23	1.30	59.4	2000
20	1/0.813	0.81	0.23	1.35	35.2	2000
20	26/0.16	0.94	0.28	1.50	34.6	2000
20	7/0.320S-1	0.96	0.23	1.50	36.7	2000
18	1/1.0244	1.02	0.23	1.55	22.2	2000
18	41/0.16	1.18	0.28	1.74	21.8	2000
18	7/0.4040S-1	1.21	0.23	1.80	23.2	2000
16	1/1.29	1.29	0.23	1.80	14.0	2000
16	26/0.254	1.56	0.32	2.20	13.7	2000
14	41/0.254	2.03	0.32	2.67	8.61	2000

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UL1185



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 30AWG ~ 4/0AWG
- Insulation : PVC
- Shield: Tinned or bare copper conductor winding
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: + 80°C
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



Temperature Range

- + 80° C

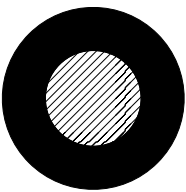
Concuctor			Insulation		Shield	Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(mm) Min average thickness	(mm) DIA.	Spiral (No./mm) Construction	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	0.38	1.10	32/0.10	0.38	2.10	381	2000
28	7/0.127	0.38	0.38	1.20	34/0.10	0.38	2.20	239	2000
26	7/0.16	0.48	0.38	1.30	38/0.10	0.38	2.30	150	2000
24	11/0.16	0.61	0.38	1.40	42/0.10	0.38	2.40	94.2	2000
22	17/0.16	0.76	0.38	1.55	43/0.10	0.38	2.55	59.4	2000
20	26/0.16	0.94	0.38	1.80	45/0.12	0.38	2.85	36.7	2000
18	41/0.16	1.18	0.38	2.05	51/0.12	0.38	3.50	23.2	2000
16	26/0.254	1.49	0.38	2.40	55/0.12	0.38	3.80	14.6	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL1569



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 30AWG~2AWG
- Insulation : PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: + 80°C , + 90°C , +105°C
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



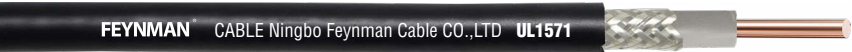
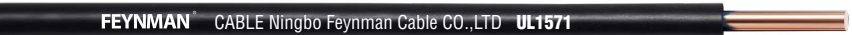
Temperature Range

- + 80° C, +90° C, +105° C

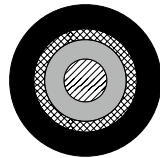
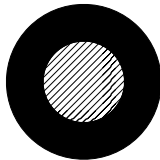
Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
30	7/0.10	0.30	0.38	1.06	354	2000
28	1/0.32	0.32	0.38	1.10	227	2000
28	7/0.127	0.38	0.38	1.14	223	2000
28	7/0.1270S-1	0.38	0.38	1.20	239	2000
26	1/0.404	0.40	0.38	1.25	143	2000
26	7/0.16	0.48	0.38	1.24	140	2000
26	7/0.160S-1	0.48	0.38	1.30	150	2000
24	1/0.511	0.51	0.38	1.35	87.6	2000
24	11/0.16	0.61	0.38	1.37	94.2	2000
24	7/0.200S-1	0.60	0.38	1.40	94.2	2000
22	1/0.643	0.64	0.38	1.50	55.4	2000
22	17/0.16	0.76	0.38	1.52	59.4	2000
22	7/0.2540S-1	0.76	0.38	1.60	59.4	2000
20	1/0.813	0.81	0.38	1.65	34.6	2000
20	26/0.16	0.94	0.38	1.70	36.7	2000
20	7/0.320S-1	0.96	0.38	1.80	36.7	2000
18	1/1.024	1.02	0.38	1.85	21.8	2000
18	41/0.16	1.18	0.38	1.94	23.2	2000
18	7/0.4040S-1	1.21	0.38	2.10	23.2	2000
16	1/1.29	1.29	0.38	2.20	13.7	2000
16	26/0.254	1.56	0.38	2.32	14.6	2000
14	1/1.60	1.60	0.38	2.50	8.62	2000
14	41/0.254	2.03	0.38	2.79	8.61	2000
12	65/0.254	2.36	0.38	3.12	5.43	2000
10	104/0.254	2.99	0.38	3.75	3.41	2000

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL1571



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 50AWG min
- Insulation : PVC, SRPVC, XLPVC
- Shield: Tinned or bare copper conductor winding
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: + 80°C
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



Temperature Range

- + 80° C

Concuctor			Insulation		Shield	Jacket		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(mm) Min average thickness	(mm) DIA.	Spiral (No./mm) Construction	(mm) Min average thickness	(mm) DIA.		
36	7/0.05	0.15	0.05	0.45	-	-	-	1549	500
34	7/0.063	0.19	0.05	0.50	-	-	-	966	500
32	7/0.08	0.24	0.05	0.60	-	-	-	596	500
30	1/0.254	0.25	0.05	0.65	-	-	-	361	500
30	7/0.10	0.30	0.25	0.80	-	-	-	354	500
28	1/0.32	0.32	0.05	0.70	-	-	-	227	500
28	7/0.127	0.38	0.25	0.88	-	-	-	223	500
28	7/0.1270S-1	0.38	0.05	0.90	-	-	-	239	500
26	1/0.404	0.40	0.05	0.90	-	-	-	143	500
26	7/0.16	0.48	0.25	1.98	-	-	-	140	500
26	7/0.160S-1	0.48	0.05	1.00	-	-	-	150	500
24	1/0.511	0.51	0.05	1.00	-	-	-	89.3	500
24	11/0.16	0.61	0.25	1.11	-	-	-	87.6	500
24	7/0.200S-1	0.60	0.05	1.10	-	-	-	94.2	500
22	1/0.643	0.64	0.05	1.15	-	-	-	56.4	500
22	17/0.16	0.76	0.25	1.26	-	-	-	55.4	500
22	7/0.2540S-1	0.76	0.05	1.30	-	-	-	59.4	500
20	26/0.16	0.94	0.25	1.44	-	-	-	34.6	500
18	41/0.16	1.18	0.25	1.68	-	-	-	21.8	500
16	26/0.254	1.49	0.25	2.06	-	-	-	13.7	500

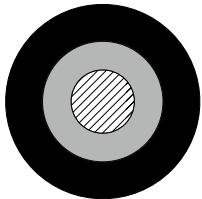
Concuctor			Insulation		Shield	Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(mm) Min average thickness	(mm) DIA.	Spiral (No./mm) Construction	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	0.05	0.80	21/0.10	0.05	1.40	354	500
28	7/0.127	0.38	0.05	0.88	22/0.10	0.05	1.45	223	500
26	7/0.16	0.48	0.05	0.98	29/0.10	0.05	1.90	140	500
24	11/0.16	0.61	0.05	1.11	32/0.10	0.05	2.00	87.6	500
22	17/0.16	0.76	0.05	1.26	37/0.10	0.05	2.30	55.4	500
20	26/0.16	0.94	0.05	1.44	42/0.10	0.05	2.50	34.6	500
18	41/0.16	1.18	0.05	1.68	50/0.10	0.05	3.00	21.8	500
16	26/0.254	1.56	0.05	2.06	49/0.12	0.05	3.50	13.7	500

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
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UL1617



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards:
UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper
- Insulation : PVC
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath :
As per customer's requirement

Properties

- Rated temperature: +105°C
- Rated voltage: 600V

Technical Data

-  **Conductor stranding**
- Confirm to UL Standard
 - UL758, UL1581,
 - CSA C22.2, No.210.2

-  **Rated Voltage**
- 600V

-  **Temperature Range**
- 105° C

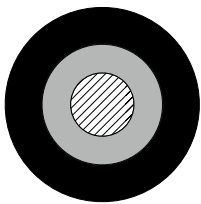
Concuctor			Insulation		Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(mm) Min average thickness	(mm) DIA.	(mm) Min average thickness	(mm) DIA.		
28	1/0.32	0.32	0.76	1.90	0.13	2.70	227	2000
28	7/0.127	0.38	0.76	2.00	0.13	2.80	239	2000
26	1/0.404	0.40	0.76	2.00	0.13	2.80	143	2000
26	7/0.16	0.48	0.76	2.10	0.13	2.90	150	2000
24	1/0.511	0.51	0.76	2.10	0.13	2.90	89.3	2000
24	11/0.16	0.61	0.76	2.20	0.13	3.00	94.2	2000
22	1/0.643	0.64	0.76	2.25	0.13	3.10	56.4	2000
22	17/0.16	0.76	0.76	2.30	0.13	3.20	59.4	2000
20	1/0.813	0.81	0.76	2.40	0.13	3.20	35.2	2000
20	26/0.16	0.94	0.76	2.55	0.13	3.40	36.7	2000
18	1/1.024	1.02	0.76	2.65	0.13	3.50	22.2	2000
18	41/0.16	1.18	0.76	2.80	0.13	3.60	23.2	2000
16	1/1.29	1.29	0.76	2.90	0.13	3.70	14	2000
16	26/0.254	1.49	0.76	3.10	0.13	3.90	14.6	2000
14	1/1.6	1.60	0.76	3.20	0.13	4.00	8.78	2000
14	41/0.254	1.88	0.76	3.50	0.13	4.30	8.96	2000
12	1/2.05	2.05	0.76	3.65	0.13	4.50	5.53	2000
12	65/0.254	2.36	0.76	4.00	0.13	4.80	5.64	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL 1672



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 30AWG~2AWG
- Insulation : PVC
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: +105°C
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



Temperature Range

- +105° C

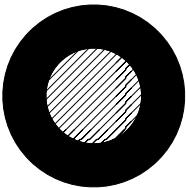
Concuctor			Insulation		Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(mm) Min average thickness	(mm) DIA.	(mm) Min average thickness	(mm) DIA.		
28	1/0.32	0.32	0.38	1.10	0.13	1.90	227	2000
28	7/0.127	0.38	0.38	1.20	0.13	2.00	239	2000
26	1/0.404	0.40	0.38	1.25	0.13	2.10	143	2000
26	7/0.16	0.48	0.38	1.30	0.13	2.10	150	2000
24	1/0.511	0.51	0.38	1.35	0.13	2.20	89.3	2000
24	11/0.16	0.61	0.38	1.40	0.13	2.20	94.2	2000
22	1/0.643	0.64	0.38	1.50	0.13	2.30	56.4	2000
22	17/0.16	0.76	0.38	1.55	0.13	2.40	59.4	2000
20	1/0.813	0.81	0.38	1.65	0.13	2.50	35.2	2000
20	26/0.16	0.94	0.38	1.80	0.13	2.70	36.7	2000
18	1/1.024	1.02	0.38	1.85	0.13	2.90	22.2	2000
18	41/0.16	1.18	0.38	2.10	0.13	2.90	23.	2000
16	1/1.29	1.29	0.38	2.20	0.13	3.00	14	2000
16	26/0.254	1.49	0.38	2.40	0.13	3.20	14.6	2000
14	1/1.6	1.60	0.38	2.45	0.13	3.30	8.78	2000
14	41/0.254	1.88	0.38	2.70	0.13	3.60	8.96	2000
12	1/2.05	2.05	0.38	2.90	0.13	3.80	5.53	2000
12	65/0.254	2.36	0.38	3.20	0.13	4.10	5.64	2000

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UL10269



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 30AWG~2AWG
- Insulation : PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: +80°C , +90°C , +105°C
- Rated voltage: 1000V AC/1250VDC

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 1000V AC/1250VDC



Temperature Range

- +80°C , +90°C , +105°C

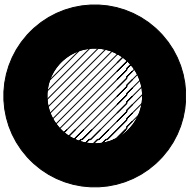
Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
30	7/0.10	0.30	0.76	1.82	354	3000
28	7/0.127	0.38	0.76	1.90	223	3000
26	7/0.16	0.48	0.76	2.00	140	3000
24	11/0.16	0.61	0.76	2.13	87.6	3000
22	17/0.16	0.76	0.76	2.28	55.4	3000
20	26/0.16	0.94	0.76	2.46	34.6	3000
18	41/0.16	1.18	0.76	2.70	21.8	3000
16	26/0.254	1.56	0.85	3.26	13.7	3000
14	41/0.254	2.03	0.9	3.83	8.61	3000
12	65/0.254	2.36	0.9	4.16	5.43	3000
11	82/0.254	2.65	0.9	4.45	4.3	3000
10	104/0.254	2.99	0.9	4.79	3.41	3000
9	94/0.254	3.76	0.9	5.56	2.70	3000
8	118/0.254	4.12	1.14	6.40	2.14	3000
7	147/0.254	4.73	1.14	7.01	1.70	3000
6	189/0.254	5.37	1.52	8.41	1.37	3000
5	238/0.254	6.04	1.52	9.08	1.09	3000
4	299/0.254	6.79	1.52	9.83	0.865	3000
3	378/0.254	7.62	1.52	10.66	0.686	3000
2	457/0.254	8.62	1.52	11.66	0.544	3000
1	600/0.254	10.20	2.03	14.21	0.431	3000
1/0	272/0.254	10.70	2.03	14.76	0.350	3000
2/0	343/0.254	12.16	2.03	16.22	0.273	3000
3/0	433/0.254	13.77	2.03	17.83	0.220	3000
4/0	546/0.254	15.50	2.03	19.56	0.172	3000

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UL10368



cross section



Highlights

- Comply with RoHS,REACH

Application range

- For general purpose internal wiring of appliance.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 40AWG~10AWG
- Insulation : XLPE
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: 105°C
- Rated voltage: 300V

Technical Data



- Conductor stranding**
- Confirm to UL Standard
 - UL758, UL1581,
 - CSA C22.2, No.210.2



- Rated Voltage**
- 300V



- Temperature Range**
- +105°C

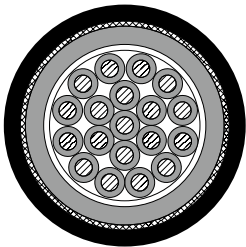
Concuctor			Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	average thickness (mm)	DIA (mm)		
32	1/0.20	0.20	0.25	0.70	563	1500
32	7/0.08	0.24	0.25	0.75	595	1500
30	1/0.254	0.25	0.25	0.75	361	2000
30	7/0.10	0.30	0.25	0.80	354	2000
28	1/0.32	0.32	0.25	0.85	227	2000
28	7/0.127	0.38	0.25	0.88	223	2000
28	7/0.1270S-1	0.38	0.25	0.90	239	2000
26	1/0.404	0.40	0.25	0.90	143	2000
26	7/0.16	0.48	0.25	0.98	140	2000
26	7/0.160S-1	0.48	0.25	1.00	150	2000
24	1/0.511	0.51	0.25	1.00	89.3	2000
24	11/0.16	0.61	0.25	1.11	87.6	2000
24	7/0.200S-1	0.60	0.25	1.10	94.2	2000
22	1/0.643	0.64	0.25	1.15	56.4	2000
22	17/0.16	0.76	0.25	1.26	55.4	2000
22	7/0.2540S-1	0.76	0.25	1.30	59.4	2000
20	1/0.813	0.81	0.25	1.35	35.2	2000
20	26/0.16	0.94	0.25	1.44	34.6	2000
20	7/0.320S-1	0.96	0.25	1.50	36.7	2000
18	1/1.024	1.02	0.25	1.55	22	2000
18	41/0.16	1.18	0.25	1.68	21.8	2000
18	7/0.4040S-1	1.21	0.25	1.80	23.2	2000
16	1/1.29	1.29	0.25	1.80	14.0	2000
16	26/0.254	1.56	0.25	2.06	13.7	2000
14	41/0.254	2.03	0.25	2.53	8.61	2000
12	65/0.254	2.36	0.25	2.86	5.43	2000
10	104/0.254	2.99	0.25	3.49	3.41	2000

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UL2464



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 50AWG min.
- Insulation: PVC, SRPVC, PE, PP etc.
- Shield: AL foil mylar+
Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: +80°C
- Rated voltage: 300V

Technical Data



- Conductor stranding**
- Confirm to UL Standard
 - UL758, UL1581,
 - CSA C22.2, No.210.2



- Rated Voltage**
- 300V



- Temperature Range**
- + 80°C

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.25	0.8	Al-mylar	7/0.10	16/4/0.10	0.76	3.70	354	2000
30	7/0.10	0.30	3	0.25	0.8	Al-mylar	7/0.10	16/4/0.10	0.76	3.90	354	2000
30	7/0.10	0.30	4	0.25	0.8	Al-mylar	7/0.10	16/5/0.10	0.76	4.10	354	2000
30	7/0.10	0.30	5	0.25	0.8	Al-mylar	7/0.10	16/5/0.10	0.76	4.40	354	2000
30	7/0.10	0.30	6	0.25	0.8	Al-mylar	7/0.10	16/6/0.10	0.76	4.60	354	2000
30	7/0.10	0.30	7	0.25	0.8	Al-mylar	7/0.10	16/6/0.10	0.76	4.60	354	2000
30	7/0.10	0.30	8	0.25	0.8	Al-mylar	7/0.10	16/7/0.10	0.76	4.80	354	2000
30	7/0.10	0.30	9	0.25	0.8	Al-mylar	7/0.10	16/7/0.10	0.76	5.20	354	2000
30	7/0.10	0.30	10	0.25	0.8	Al-mylar	7/0.10	16/7/0.10	0.76	5.30	354	2000
28	7/0.127	0.38	2	0.25	0.88	Al-mylar	7/0.127	16/5/0.10	0.76	3.90	223	2000
28	7/0.127	0.38	3	0.25	0.88	Al-mylar	7/0.127	16/5/0.10	0.76	4.10	223	2000
28	7/0.127	0.38	4	0.25	0.88	Al-mylar	7/0.127	16/6/0.10	0.76	4.30	223	2000
28	7/0.127	0.38	5	0.25	0.88	Al-mylar	7/0.127	16/6/0.10	0.76	4.60	223	2000
28	7/0.127	0.38	6	0.25	0.88	Al-mylar	7/0.127	16/6/0.10	0.76	4.80	223	2000
28	7/0.127	0.38	7	0.25	0.88	Al-mylar	7/0.127	16/6/0.10	0.76	4.80	223	2000
28	7/0.127	0.38	8	0.25	0.88	Al-mylar	7/0.127	16/7/0.10	0.76	5.00	223	2000
28	7/0.127	0.38	9	0.25	0.88	Al-mylar	7/0.127	16/8/0.10	0.76	5.40	223	2000
28	7/0.127	0.38	10	0.25	0.88	Al-mylar	7/0.127	16/8/0.10	0.76	5.80	223	2000
26	7/0.16	0.48	2	0.25	0.98	Al-mylar	7/0.16	16/5/0.10	0.76	4.10	140	2000
26	7/0.16	0.48	3	0.25	0.98	Al-mylar	7/0.16	16/5/0.10	0.76	4.30	140	2000
26	7/0.16	0.48	4	0.25	0.98	Al-mylar	7/0.16	16/6/0.10	0.76	4.60	140	2000
26	7/0.16	0.48	5	0.25	0.98	Al-mylar	7/0.16	16/6/0.10	0.76	4.80	140	2000
26	7/0.16	0.48	6	0.25	0.98	Al-mylar	7/0.16	16/7/0.10	0.76	5.10	140	2000
26	7/0.16	0.48	7	0.25	0.98	Al-mylar	7/0.16	16/7/0.10	0.76	5.10	140	2000
26	7/0.16	0.48	8	0.25	0.98	Al-mylar	7/0.16	16/7/0.10	0.76	540	140	2000
26	7/0.16	0.48	9	0.25	0.98	Al-mylar	7/0.16	16/8/0.10	0.76	5.80	140	2000
26	7/0.16	0.48	10	0.25	0.98	Al-mylar	7/0.16	16/8/0.10	0.76	6.20	140	2000

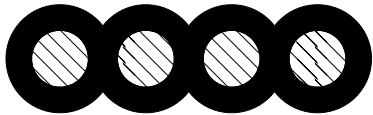
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.25	1.11	Al-mylar	11/0.16	16/5/0.10	0.76	4.30	87.6	2000
24	11/0.16	0.61	3	0.25	1.11	Al-mylar	11/0.16	16/5/0.10	0.76	4.60	87.6	2000
24	11/0.16	0.61	4	0.25	1.11	Al-mylar	11/0.16	16/6/0.10	0.76	4.90	87.6	2000
24	11/0.16	0.61	5	0.25	1.11	Al-mylar	11/0.16	16/6/0.10	0.76	5.20	87.6	2000
24	11/0.16	0.61	6	0.25	1.11	Al-mylar	11/0.16	16/7/0.10	0.76	5.50	87.6	2000
24	11/0.16	0.61	7	0.25	1.11	Al-mylar	11/0.16	16/7/0.10	0.76	5.50	87.6	2000
24	11/0.16	0.61	8	0.25	1.11	Al-mylar	11/0.16	16/7/0.10	0.76	5.80	87.6	2000
24	11/0.16	0.61	9	0.25	1.11	Al-mylar	11/0.16	16/8/0.10	0.76	6.30	87.6	2000
24	11/0.16	0.61	10	0.25	1.11	Al-mylar	11/0.16	16/8/0.10	0.76	6.60	87.6	2000
22	17/0.16	0.76	2	0.25	1.26	Al-mylar	17/0.16	16/6/0.10	0.76	4.70	55.4	2000
22	17/0.16	0.76	3	0.25	1.26	Al-mylar	17/0.16	16/6/0.10	0.76	4.90	55.4	2000
22	17/0.16	0.76	4	0.25	1.26	Al-mylar	17/0.16	16/7/0.10	0.76	5.20	55.4	2000
22	17/0.16	0.76	5	0.25	1.26	Al-mylar	17/0.16	16/8/0.10	0.76	5.60	55.4	2000
22	17/0.16	0.76	6	0.25	1.26	Al-mylar	17/0.16	16/8/0.10	0.76	6.00	55.4	2000
22	17/0.16	0.76	7	0.25	1.26	Al-mylar	17/0.16	16/8/0.10	0.76	6.00	55.4	2000
22	17/0.16	0.76	8	0.25	1.26	Al-mylar	17/0.16	16/8/0.10	0.76	6.30	55.4	2000
22	17/0.16	0.76	9	0.25	1.26	Al-mylar	17/0.16	16/9/0.10	0.76	6.80	55.4	2000
22	17/0.16	0.76	10	0.25	1.26	Al-mylar	17/0.16	16/10/0.1	0.76	7.40	55.4	2000
20	26/0.16	0.94	2	0.28	1.50	Al-mylar	26/0.16	16/7/0.10	0.76	5.20	34.6	2000
20	26/0.16	0.94	3	0.28	1.50	Al-mylar	26/0.16	16/7/0.10	0.76	5.40	34.6	2000
20	26/0.16	0.94	4	0.28	1.50	Al-mylar	26/0.16	16/8/0.10	0.76	5.80	34.6	2000
20	26/0.16	0.94	5	0.28	1.50	Al-mylar	26/0.16	16/8/0.10	0.76	6.20	34.6	2000
20	26/0.16	0.94	6	0.28	1.50	Al-mylar	26/0.16	16/9/0.10	0.76	6.70	34.6	2000
20	26/0.16	0.94	7	0.28	1.50	Al-mylar	26/0.16	16/9/0.10	0.76	6.70	34.6	2000
20	26/0.16	0.94	8	0.28	1.50	Al-mylar	26/0.16	16/9/0.10	0.76	7.10	34.6	2000
20	26/0.16	0.94	9	0.28	1.50	Al-mylar	26/0.16	16/9/0.12	0.76	7.90	34.6	2000
20	26/0.16	0.94	10	0.28	1.50	Al-mylar	26/0.16	16/9/0.12	0.76	8.30	34.6	2000
18	41/0.16	1.18	2	0.28	1.74	Al-mylar	41/0.16	16/8/0.10	0.76	5.70	21.8	2000
18	41/0.16	1.18	3	0.28	1.74	Al-mylar	41/0.16	16/8/0.10	0.76	5.90	21.8	2000
18	41/0.16	1.18	4	0.28	1.74	Al-mylar	41/0.16	16/8/0.10	0.76	6.40	21.8	2000
18	41/0.16	1.18	5	0.28	1.74	Al-mylar	41/0.16	16/9/0.10	0.76	6.90	21.8	2000
18	41/0.16	1.18	6	0.28	1.74	Al-mylar	41/0.16	16/9/0.10	0.76	7.40	21.8	2000
18	41/0.16	1.18	7	0.28	1.74	Al-mylar	41/0.16	16/9/0.10	0.76	7.40	21.8	2000
18	41/0.16	1.18	8	0.28	1.74	Al-mylar	41/0.16	16/9/0.12	0.76	8.10	21.8	2000
18	41/0.16	1.18	9	0.28	1.74	Al-mylar	41/0.16	16/9/0.12	0.76	8.80	21.8	2000
18	41/0.16	1.18	10	0.28	1.74	Al-mylar	41/0.16	16/10/0.1	0.76	9.50	21.8	2000
16	26/0.254	1.49	2	0.32	2.20	Al-mylar	26/0.254	16/8/0.10	0.76	6.30	13.7	2000
16	26/0.254	1.49	3	0.32	2.20	Al-mylar	26/0.254	16/8/0.10	0.76	6.90	13.7	2000
16	26/0.254	1.49	4	0.32	2.20	Al-mylar	26/0.254	16/9/0.10	0.76	7.50	13.7	2000
16	26/0.254	1.49	5	0.32	2.20	Al-mylar	26/0.254	16/9/0.10	0.76	8.30	13.7	2000
16	26/0.254	1.49	6	0.32	2.20	Al-mylar	26/0.254	16/9/0.12	0.76	9.00	13.7	2000
16	26/0.254	1.49	7	0.32	2.20	Al-mylar	26/0.254	16/9/0.12	0.76	9.00	13.7	2000
16	26/0.254	1.49	8	0.32	2.20	Al-mylar	26/0.254	16/9/0.12	0.76	9.70	13.7	2000
16	26/0.254	1.49	9	0.32	2.20	Al-mylar	26/0.254	16/9/0.12	0.76	10.50	13.7	2000
16	26/0.254	1.49	10	0.32	2.20	Al-mylar	26/0.254	16/9/0.12	0.76	10.80	13.7	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL2468



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards : UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 32AWG~16AWG
- Insulation : PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test
- Color of Sheath : As per customer's requirement

Properties

- Rated temperature: + 80°C
- Rated voltage: 300V

Technical Data



- Conductor stranding**
- Confirm to UL Standard
 - UL758, UL1581,
 - CSA C22.2, No.210.2



- Rated Voltage**
- 300V



- Temperature Range**
- + 80°C

Concuctor					Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Pitch	Constructio	DIA (mm)	No.	average thickness (mm)	DIA (mm)		
32	1.00	7/0.08	0.24	2	0.38	1.00 × 2.00	595	1500
32	1.00	7/0.08	0.24	3	0.38	1.00 × 3.00	595	1500
32	1.00	7/0.08	0.24	4	0.38	1.00 × 4.00	595	2000
32	1.00	7/0.08	0.24	5	0.38	1.00 × 5.00	595	2000
32	1.00	7/0.08	0.24	6	0.38	1.00 × 6.00	595	2000
32	1.00	7/0.08	0.24	7	0.38	1.00 × 7.00	595	2000
32	1.00	7/0.08	0.24	8	0.38	1.00 × 8.00	595	2000
32	1.00	7/0.08	0.24	9	0.38	1.00 × 9.00	595	2000
32	1.00	7/0.08	0.24	10	0.38	1.00 × 10.00	595	2000
30	1.10	7/0.10	0.30	2	0.38	1.10 × 2.20	381	2000
30	1.10	7/0.10	0.30	3	0.38	1.10 × 3.30	381	2000
30	1.10	7/0.10	0.30	4	0.38	1.10 × 4.40	381	2000
30	1.10	7/0.10	0.30	5	0.38	1.10 × 5.50	381	2000
30	1.10	7/0.10	0.30	6	0.38	1.10 × 6.60	381	2000
30	1.10	7/0.10	0.30	7	0.38	1.10 × 7.70	381	2000
30	1.10	7/0.10	0.30	8	0.38	1.10 × 8.80	381	2000
30	1.10	7/0.10	0.30	9	0.38	1.10 × 9.90	381	2000
30	1.10	7/0.10	0.30	10	0.38	1.10 × 11.00	381	2000
28	1.25	7/0.127	0.38	2	0.38	1.25 × 2.50	239	2000
28	1.25	7/0.127	0.38	3	0.38	1.25 × 3.75	239	2000
28	1.25	7/0.127	0.38	4	0.38	1.25 × 5.00	239	2000
28	1.25	7/0.127	0.38	5	0.38	1.25 × 6.25	239	2000
28	1.25	7/0.127	0.38	6	0.38	1.25 × 7.50	239	2000
28	1.25	7/0.127	0.38	7	0.38	1.25 × 8.75	239	2000
28	1.25	7/0.127	0.38	8	0.38	1.25 × 10.00	239	2000
28	1.25	7/0.127	0.38	9	0.38	1.25 × 11.25	239	2000
28	1.25	7/0.127	0.38	10	0.38	1.25 × 12.50	239	2000
28	1.25	7/0.127	0.38	11	0.38	1.25 × 13.75	239	2000
28	1.25	7/0.127	0.38	12	0.38	1.25 × 15.00	239	2000

Concuctor					Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Pitch	Constructio	DIA (mm)	No.	average thickness (mm)	DIA (mm)		
26	1.50	7/0.16	0.48	2	0.38	1.45 × 3.05	150	1500
26	1.50	7/0.16	0.48	3	0.38	1.45 × 4.65	150	1500
26	1.50	7/0.16	0.48	4	0.38	1.45 × 6.25	150	2000
26	1.50	7/0.16	0.48	5	0.38	1.45 × 7.85	150	2000
26	1.50	7/0.16	0.48	6	0.38	1.45 × 9.45	150	2000
26	1.50	7/0.16	0.48	7	0.38	1.45 × 11.05	150	2000
26	1.50	7/0.16	0.48	8	0.38	1.45 × 12.65	150	2000
26	1.50	7/0.16	0.48	9	0.38	1.45 × 14.30	150	2000
26	1.50	7/0.16	0.48	10	0.38	1.45 × 15.90	150	2000
26	1.50	7/0.16	0.48	11	0.38	1.45 × 17.50	150	2000
26	1.50	7/0.16	0.48	12	0.38	1.45 × 19.10	150	2000
26	1.50	7/0.16	0.48	13	0.38	1.45 × 20.65	150	2000
26	1.50	7/0.16	0.48	14	0.38	1.45 × 22.25	150	2000
26	2.00	7/0.16	0.48	2	0.38	1.40 × 3.40	150	2000
26	2.00	7/0.16	0.48	3	0.38	1.40 × 5.40	150	2000
26	2.00	7/0.16	0.48	4	0.38	1.40 × 7.40	150	2000
26	2.00	7/0.16	0.48	5	0.38	1.40 × 9.40	150	2000
26	2.00	7/0.16	0.48	6	0.38	1.40 × 11.40	150	2000
26	2.00	7/0.16	0.48	7	0.38	1.40 × 13.40	150	2000
26	2.00	7/0.16	0.48	8	0.38	1.40 × 15.40	150	2000
26	2.00	7/0.16	0.48	9	0.38	1.45 × 17.45	150	2000
26	2.00	7/0.16	0.48	10	0.38	1.45 × 19.45	150	2000
26	2.00	7/0.16	0.48	11	0.38	1.45 × 21.45	150	2000
26	2.00	7/0.16	0.48	12	0.38	1.45 × 23.45	150	2000
26	2.50	7/0.16	0.48	2	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	3	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	4	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	5	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	6	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	7	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	8	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	9	0.38	1.45 × 3.95	150	2000
26	2.50	7/0.16	0.48	10	0.38	1.45 × 3.95	150	2000
26	1.60	11/0.16	0.61	2	0.38	1.45 × 3.05	94.2	2000
26	1.60	11/0.16	0.61	3	0.38	1.45 × 4.65	94.2	2000
26	1.60	11/0.16	0.61	4	0.38	1.45 × 6.25	94.2	2000
24	1.60	11/0.16	0.61	5	0.38	1.45 × 7.85	94.2	2000
24	1.60	11/0.16	0.61	6	0.38	1.45 × 9.45	94.2	2000
24	1.60	11/0.16	0.61	7	0.38	1.45 × 11.05	94.2	2000
24	1.60	11/0.16	0.61	8	0.38	1.50 × 12.65	94.2	2000
24	1.60	11/0.16	0.61	9	0.38	1.50 × 14.30	94.2	2000
24	1.60	11/0.16	0.61	10	0.38	1.50 × 15.90	94.2	2000
24	1.60	11/0.16	0.61	11	0.38	1.50 × 17.50	94.2	2000
24	1.60	11/0.16	0.61	12	0.38	1.50 × 19.10	94.2	2000
24	1.60	11/0.16	0.61	13	0.38	1.45 × 20.65	94.2	2000
24	1.60	11/0.16	0.61	14	0.38	1.45 × 22.25	94.2	2000
24	2.00	7/0.20	0.61	2	0.38	1.40 × 3.40	94.2	2000
24	2.00	7/0.20	0.61	3	0.38	1.40 × 5.40	94.2	2000
24	2.00	7/0.20	0.61	4	0.38	1.40 × 7.40	94.2	2000
24	2.00	7/0.20	0.61	5	0.38	1.40 × 9.40	94.2	2000
24	2.00	7/0.20	0.61	6	0.38	1.40 × 11.40	94.2	2000
24	2.00	7/0.20	0.61	7	0.38	1.40 × 13.40	94.2	2000
24	2.00	7/0.20	0.61	8	0.38	1.40 × 15.40	94.2	2000
24	2.00	7/0.20	0.61	9	0.38	1.45 × 17.45	94.2	2000
24	2.00	7/0.20	0.61	10	0.38	1.45 × 19.45	94.2	2000
24	2.00	7/0.20	0.61	11	0.38	1.45 × 21.45	94.2	2000

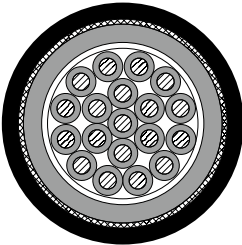
Concuctor					Insulation		MAX.COND Resistance (Ω/km,20°C ,DC)	Dielectric strength (VAC, 1min)
AWG	Pitch	Constructio	DIA (mm)	No.	average thickness (mm)	DIA (mm)		
24	2.00	7/0.20	0.61	12	0.38	1.45 × 23.45	94.2	1500
24	2.50	7/0.20	0.61	2	0.38	1.45 × 3.95	94.2	1500
24	2.50	7/0.20	0.61	3	0.38	1.45 × 6.95	94.2	2000
24	2.50	7/0.20	0.61	4	0.38	1.45 × 8.95	94.2	2000
24	2.50	7/0.20	0.61	5	0.38	14.45 × 11.45	94.2	2000
24	2.50	7/0.20	0.61	6	0.38	1.45 × 13.95	94.2	2000
24	2.50	7/0.20	0.61	7	0.38	1.45 × 16.45	94.2	2000
24	2.50	7/0.20	0.61	8	0.38	1.45 × 18.95	94.2	2000
24	2.50	7/0.20	0.61	9	0.38	1.50 × 21.50	94.2	2000
24	2.50	7/0.20	0.61	10	0.38	1.50 × 24.00	94.2	2000
22	1.70	17/0.16	0.76	2	0.38	1.60 × 3.30	59.4	2000
22	1.70	17/0.16	0.76	3	0.38	1.60 × 5.00	59.4	2000
22	1.70	17/0.16	0.76	4	0.38	1.60 × 6.70	59.4	2000
22	1.70	17/0.16	0.76	5	0.38	1.60 × 8.40	59.4	2000
22	1.70	17/0.16	0.76	6	0.38	1.60 × 10.10	59.4	2000
22	1.70	17/0.16	0.76	7	0.38	1.60 × 11.80	59.4	2000
22	1.70	17/0.16	0.76	8	0.38	1.60 × 13.50	59.4	2000
22	1.70	17/0.16	0.76	9	0.38	1.60 × 15.20	59.4	2000
22	1.70	17/0.16	0.76	10	0.38	1.60 × 16.90	59.4	2000
20	1.90	26/0.16	0.94	2	0.38	1.80 × 3.70	36.9	2000
20	1.90	26/0.16	0.94	3	0.38	1.80 × 5.60	36.9	2000
18	2.20	41/0.16	1.18	2	0.38	2.10 × 4.30	23.2	2000
16	2.50	26/0.254	1.49	2	0.38	2.40 × 4.90	14.6	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL2517



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards：UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 40AWG min.
- Insulation: PVC, SRPVC, PE, PP etc.
- Shield: AL foil mylar+

Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: 105℃
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



Temperature Range

- 105℃

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20℃,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.38	1.10	Al-mylar	7/0.10	16/5/0.10	0.76	4.30	381	2000
30	7/0.10	0.30	3	0.38	1.10	Al-mylar	7/0.10	16/5/0.10	0.76	4.50	381	2000
30	7/0.10	0.30	4	0.38	1.10	Al-mylar	7/0.10	16/6/0.10	0.76	4.80	381	2000
30	7/0.10	0.30	5	0.38	1.10	Al-mylar	7/0.10	16/6/0.10	0.76	5.10	381	2000
30	7/0.10	0.30	6	0.38	1.10	Al-mylar	7/0.10	16/7/0.10	0.76	5.40	381	2000
30	7/0.10	0.30	7	0.38	1.10	Al-mylar	7/0.10	16/7/0.10	0.76	5.40	381	2000
30	7/0.10	0.30	8	0.38	1.10	Al-mylar	7/0.10	16/7/0.10	0.76	5.70	381	2000
30	7/0.10	0.30	9	0.38	1.10	Al-mylar	7/0.10	16/8/0.10	0.76	6.20	381	2000
30	7/0.10	0.30	10	0.38	1.10	Al-mylar	7/0.10	16/9/0.10	0.76	6.50	381	2000
28	7/0.127	0.38	2	0.38	1.20	Al-mylar	7/0.127	16/5/0.10	0.76	4.50	239	2000
28	7/0.127	0.38	3	0.38	1.20	Al-mylar	7/0.127	16/6/0.10	0.76	4.70	239	2000
28	7/0.127	0.38	4	0.38	1.20	Al-mylar	7/0.127	16/6/0.10	0.76	5.00	239	2000
28	7/0.127	0.38	5	0.38	1.20	Al-mylar	7/0.127	16/7/0.10	0.76	5.40	239	2000
28	7/0.127	0.38	6	0.38	1.20	Al-mylar	7/0.127	16/7/0.10	0.76	5.70	239	2000
28	7/0.127	0.38	7	0.38	1.20	Al-mylar	7/0.127	16/7/0.10	0.76	5.70	239	2000
28	7/0.127	0.38	8	0.38	1.20	Al-mylar	7/0.127	16/8/0.10	0.76	6.10	239	2000
28	7/0.127	0.38	9	0.38	1.20	Al-mylar	7/0.127	16/8/0.10	0.76	6.60	239	2000
28	7/0.127	0.38	10	0.38	1.20	Al-mylar	7/0.127	16/9/0.10	0.76	6.90	239	2000
26	7/0.16	0.48	2	0.38	1.30	Al-mylar	7/0.16	16/6/0.10	0.76	4.70	150	2000
26	7/0.16	0.48	3	0.38	1.30	Al-mylar	7/0.16	16/6/0.10	0.76	4.90	150	2000
26	7/0.16	0.48	4	0.38	1.30	Al-mylar	7/0.16	16/6/0.10	0.76	5.30	150	2000
26	7/0.16	0.48	5	0.38	1.30	Al-mylar	7/0.16	16/7/0.10	0.76	5.60	150	2000
26	7/0.16	0.48	6	0.38	1.30	Al-mylar	7/0.16	16/8/0.10	0.76	6.00	150	2000
26	7/0.16	0.48	7	0.38	1.30	Al-mylar	7/0.16	16/8/0.10	0.76	6.00	150	2000
26	7/0.16	0.48	8	0.38	1.30	Al-mylar	7/0.16	16/8/0.10	0.76	6.40	150	2000
26	7/0.16	0.48	9	0.38	1.30	Al-mylar	7/0.16	16/9/0.10	0.76	6.90	150	2000
26	7/0.16	0.48	10	0.38	1.30	Al-mylar	7/0.16	16/9/0.10	0.76	7.30	150	2000

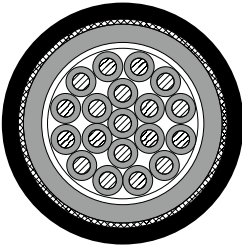
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20℃,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.38	1.40	Al-mylar	11/0.16	16/6/0.10	0.76	4.90	94.2	2000
24	11/0.16	0.61	3	0.38	1.40	Al-mylar	11/0.16	16/6/0.10	0.76	5.10	94.2	2000
24	11/0.16	0.61	4	0.38	1.40	Al-mylar	11/0.16	16/7/0.10	0.76	5.50	94.2	2000
24	11/0.16	0.61	5	0.38	1.40	Al-mylar	11/0.16	16/8/0.10	0.76	5.90	94.2	2000
24	11/0.16	0.61	6	0.38	1.40	Al-mylar	11/0.16	16/8/0.10	0.76	6.30	94.2	2000
24	11/0.16	0.61	7	0.38	1.40	Al-mylar	11/0.16	16/8/0.10	0.76	6.30	94.2	2000
24	11/0.16	0.61	8	0.38	1.40	Al-mylar	11/0.16	16/9/0.10	0.76	6.70	94.2	2000
24	11/0.16	0.61	9	0.38	1.40	Al-mylar	11/0.16	16/9/0.10	0.76	7.30	94.2	2000
24	11/0.16	0.61	10	0.38	1.40	Al-mylar	11/0.16	16/10/0.1	0.76	7.70	94.2	2000
22	17/0.16	0.76	2	0.38	1.60	Al-mylar	17/0.16	16/7/0.10	0.76	5.30	59.4	2000
22	17/0.16	0.76	3	0.38	1.60	Al-mylar	17/0.16	16/7/0.10	0.76	5.60	59.4	2000
22	17/0.16	0.76	4	0.38	1.60	Al-mylar	17/0.16	16/8/0.10	0.76	6.00	59.4	2000
22	17/0.16	0.76	5	0.38	1.60	Al-mylar	17/0.16	16/8/0.10	0.76	6.40	59.4	2000
22	17/0.16	0.76	6	0.38	1.60	Al-mylar	17/0.16	16/9/0.10	0.76	6.90	59.4	2000
22	17/0.16	0.76	7	0.38	1.60	Al-mylar	17/0.16	16/9/0.10	0.76	6.90	59.4	2000
22	17/0.16	0.76	8	0.38	1.60	Al-mylar	17/0.16	16/10/0.1	0.76	7.40	59.4	2000
22	17/0.16	0.76	9	0.38	1.60	Al-mylar	17/0.16	16/10/0.1	0.76	8.10	59.4	2000
22	17/0.16	0.76	10	0.38	1.60	Al-mylar	17/0.16	16/9/0.12	0.76	8.60	59.4	2000
20	26/0.16	0.94	2	0.38	1.80	Al-mylar	26/0.16	16/7/0.10	0.76	5.70	36.7	2000
20	26/0.16	0.94	3	0.38	1.80	Al-mylar	26/0.16	16/8/0.10	0.76	6.00	36.7	2000
20	26/0.16	0.94	4	0.38	1.80	Al-mylar	26/0.16	16/8/0.10	0.76	6.50	36.7	2000
20	26/0.16	0.94	5	0.38	1.80	Al-mylar	26/0.16	16/9/0.10	0.76	7.00	36.7	2000
20	26/0.16	0.94	6	0.38	1.80	Al-mylar	26/0.16	16/10/0.1	0.76	7.50	36.7	2000
20	26/0.16	0.94	7	0.38	1.80	Al-mylar	26/0.16	16/10/0.1	0.76	7.50	36.7	2000
20	26/0.16	0.94	8	0.38	1.80	Al-mylar	26/0.16	16/10/0.1	0.76	8.10	36.7	2000
20	26/0.16	0.94	9	0.38	1.80	Al-mylar	26/0.16	16/10/0.1	0.76	6.80	36.7	2000
20	26/0.16	0.94	10	0.38	1.80	Al-mylar	26/0.16	16/10/0.1	0.76	9.40	36.7	2000
18	41/0.16	1.18	2	0.38	2.10	Al-mylar	41/0.16	16/8/0.10	0.76	6.30	23.2	2000
18	41/0.16	1.18	3	0.38	2.10	Al-mylar	41/0.16	16/8/0.10	0.76	6.60	23.2	2000
18	41/0.16	1.18	4	0.38	2.10	Al-mylar	41/0.16	16/9/0.10	0.76	7.20	23.2	2000
18	41/0.16	1.18	5	0.38	2.10	Al-mylar	41/0.16	16/10/0.1	0.76	7.80	23.2	2000
18	41/0.16	1.18	6	0.38	2.10	Al-mylar	41/0.16	16/10/0.1	0.76	8.40	23.2	2000
18	41/0.16	1.18	7	0.38	2.10	Al-mylar	41/0.16	16/10/0.1	0.76	8.40	23.2	2000
18	41/0.16	1.18	8	0.38	2.10	Al-mylar	41/0.16	16/10/0.1	0.76	9.20	23.2	2000
18	41/0.16	1.18	9	0.38	2.10	Al-mylar	41/0.16	16/10/0.1	0.76	10.00	23.2	2000
18	41/0.16	1.18	10	0.38	2.10	Al-mylar	41/0.16	16/10/0.1	0.76	10.80	23.2	2000
16	26/0.254	1.49	2	0.38	2.35	Al-mylar	26/0.254	16/9/0.10	0.76	6.90	14.6	2000
16	26/0.254	1.49	3	0.38	2.35	Al-mylar	26/0.254	16/9/0.10	0.76	7.30	14.6	2000
16	26/0.254	1.49	4	0.38	2.35	Al-mylar	26/0.254	16/10/0.1	0.76	7.90	14.6	2000
16	26/0.254	1.49	5	0.38	2.35	Al-mylar	26/0.254	16/9/0.12	0.76	8.70	14.6	2000
16	26/0.254	1.49	6	0.38	2.35	Al-mylar	26/0.254	16/9/0.12	0.76	9.50	14.6	2000
16	26/0.254	1.49	7	0.38	2.35	Al-mylar	26/0.254	16/9/0.12	0.76	9.50	14.6	2000
16	26/0.254	1.49	8	0.38	2.35	Al-mylar	26/0.254	16/10/0.1	0.76	10.20	14.6	2000
16	26/0.254	1.49	9	0.38	2.35	Al-mylar	26/0.254	16/10/0.1	0.76	11.20	14.6	2000
16	26/0.254	1.49	10	0.38	2.35	Al-mylar	26/0.254	16/11/0.1	0.76	12.00	14.6	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL2570



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment.

Characteristic

- Drag Chain conform to UL Standards: UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 40AWG min.
- Insulation: PVC, SRPVC, PE, PP etc.
- Shield: AL foil mylar+
Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: + 80°C
- Rated voltage: 600V, 1000V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 600V, 1000V



Temperature Range

- + 80°C

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.76	1.82	Al-mylar	7/0.10	16/5/0.10	0.76	5.90	354	2000
30	7/0.10	0.30	3	0.76	1.82	Al-mylar	7/0.10	16/5/0.10	0.76	6.20	354	2000
30	7/0.10	0.30	4	0.76	1.82	Al-mylar	7/0.10	16/6/0.10	0.76	6.70	354	2000
30	7/0.10	0.30	5	0.76	1.82	Al-mylar	7/0.10	16/6/0.10	0.76	7.30	354	2000
30	7/0.10	0.30	6	0.76	1.82	Al-mylar	7/0.10	16/7/0.10	0.76	7.90	354	2000
30	7/0.10	0.30	7	0.76	1.82	Al-mylar	7/0.10	16/7/0.10	0.76	7.90	354	2000
30	7/0.10	0.30	8	0.76	1.82	Al-mylar	7/0.10	16/7/0.10	0.76	8.50	354	2000
30	7/0.10	0.30	9	0.76	1.82	Al-mylar	7/0.10	16/8/0.10	0.76	9.30	354	2000
30	7/0.10	0.30	10	0.76	1.82	Al-mylar	7/0.10	16/9/0.10	0.76	9.90	354	2000
28	7/0.127	0.38	2	0.76	190	Al-mylar	7/0.127	16/5/0.10	0.76	6.20	223	2000
28	7/0.127	0.38	3	0.76	190	Al-mylar	7/0.127	16/6/0.10	0.76	6.50	223	2000
28	7/0.127	0.38	4	0.76	190	Al-mylar	7/0.127	16/6/0.10	0.76	7.00	223	2000
28	7/0.127	0.38	5	0.76	190	Al-mylar	7/0.127	16/7/0.10	0.76	7.60	223	2000
28	7/0.127	0.38	6	0.76	190	Al-mylar	7/0.127	16/7/0.10	0.76	8.20	223	2000
28	7/0.127	0.38	7	0.76	190	Al-mylar	7/0.127	16/7/0.10	0.76	8.20	223	2000
28	7/0.127	0.38	8	0.76	190	Al-mylar	7/0.127	16/8/0.10	0.76	8.90	223	2000
28	7/0.127	0.38	9	0.76	190	Al-mylar	7/0.127	16/8/0.10	0.76	9.70	223	2000
28	7/0.127	0.38	10	0.76	190	Al-mylar	7/0.127	16/9/0.10	0.76	10.30	223	2000
26	7/0.16	0.48	2	0.76	2.00	Al-mylar	7/0.16	16/6/0.10	0.76	6.30	140	2000
26	7/0.16	0.48	3	0.76	2.00	Al-mylar	7/0.16	16/6/0.10	0.76	6.50	140	2000
26	7/0.16	0.48	4	0.76	2.00	Al-mylar	7/0.16	16/6/0.10	0.76	7.10	140	2000
26	7/0.16	0.48	5	0.76	2.00	Al-mylar	7/0.16	16/7/0.10	0.76	7.80	140	2000
26	7/0.16	0.48	6	0.76	2.00	Al-mylar	7/0.16	16/8/0.10	0.76	8.40	140	2000
26	7/0.16	0.48	7	0.76	2.00	Al-mylar	7/0.16	16/8/0.10	0.76	8.40	140	2000
26	7/0.16	0.48	8	0.76	2.00	Al-mylar	7/0.16	16/8/0.10	0.76	9.10	140	2000
26	7/0.16	0.48	9	0.76	2.00	Al-mylar	7/0.16	16/9/0.10	0.76	9.90	140	2000
26	7/0.16	0.48	10	0.76	2.00	Al-mylar	7/0.16	16/9/0.10	0.76	10.60	140	2000

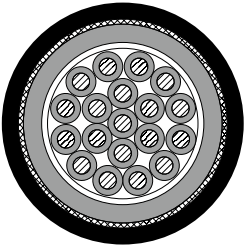
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.76	2.13	Al-mylar	11/0.16	16/6/0.10	0.76	6.60	87.6	2000
24	11/0.16	0.61	3	0.76	2.13	Al-mylar	11/0.16	16/6/0.10	0.76	7.00	87.6	2000
24	11/0.16	0.61	4	0.76	2.13	Al-mylar	11/0.16	16/7/0.10	0.76	7.50	87.6	2000
24	11/0.16	0.61	5	0.76	2.13	Al-mylar	11/0.16	16/8/0.10	0.76	8.20	87.6	2000
24	11/0.16	0.61	6	0.76	2.13	Al-mylar	11/0.16	16/8/0.10	0.76	8.80	87.6	2000
24	11/0.16	0.61	7	0.76	2.13	Al-mylar	11/0.16	16/8/0.10	0.76	8.80	87.6	2000
24	11/0.16	0.61	8	0.76	2.13	Al-mylar	11/0.16	16/9/0.10	0.76	9.50	87.6	2000
24	11/0.16	0.61	9	0.76	2.13	Al-mylar	11/0.16	16/9/0.10	0.76	10.40	87.6	2000
24	11/0.16	0.61	10	0.76	2.13	Al-mylar	11/0.16	16/10/0.1	0.76	11.00	87.6	2000
22	17/0.16	0.76	2	0.76	2.28	Al-mylar	17/0.16	16/7/0.10	0.76	6.90	55.4	2000
22	17/0.16	0.76	3	0.76	2.28	Al-mylar	17/0.16	16/7/0.10	0.76	7.30	55.4	2000
22	17/0.16	0.76	4	0.76	2.28	Al-mylar	17/0.16	16/8/0.10	0.76	7.90	55.4	2000
22	17/0.16	0.76	5	0.76	2.28	Al-mylar	17/0.16	16/8/0.10	0.76	8.60	55.4	2000
22	17/0.16	0.76	6	0.76	2.28	Al-mylar	17/0.16	16/9/0.10	0.76	9.30	55.4	2000
22	17/0.16	0.76	7	0.76	2.28	Al-mylar	17/0.16	16/9/0.10	0.76	9.30	55.4	2000
22	17/0.16	0.76	8	0.76	2.28	Al-mylar	17/0.16	16/10/0.1	0.76	10.10	55.4	2000
22	17/0.16	0.76	9	0.76	2.28	Al-mylar	17/0.16	16/10/0.1	0.76	11.00	55.4	2000
22	17/0.16	0.76	10	0.76	2.28	Al-mylar	17/0.16	16/9/0.12	0.76	11.70	55.4	2000
20	26/0.16	0.94	2	0.76	2.46	Al-mylar	26/0.16	16/7/0.10	0.76	7.30	34.6	2000
20	26/0.16	0.94	3	0.76	2.46	Al-mylar	26/0.16	16/8/0.10	0.76	7.70	34.6	2000
20	26/0.16	0.94	4	0.76	2.46	Al-mylar	26/0.16	16/8/0.10	0.76	8.50	34.6	2000
20	26/0.16	0.94	5	0.76	2.46	Al-mylar	26/0.16	16/9/0.10	0.76	9.30	34.6	2000
20	26/0.16	0.94	6	0.76	2.46	Al-mylar	26/0.16	16/10/0.1	0.76	10.00	34.6	2000
20	26/0.16	0.94	7	0.76	2.46	Al-mylar	26/0.16	16/10/0.1	0.76	10.00	34.6	2000
20	26/0.16	0.94	8	0.76	2.46	Al-mylar	26/0.16	16/10/0.1	0.76	10.80	34.6	2000
20	26/0.16	0.94	9	0.76	2.46	Al-mylar	26/0.16	16/10/0.1	0.76	11.80	34.6	2000
20	26/0.16	0.94	10	0.76	2.46	Al-mylar	26/0.16	16/10/0.1	0.76	12.50	34.6	2000
18	41/0.16	1.18	2	0.76	2.70	Al-mylar	41/0.16	16/8/0.10	0.76	8.00	21.8	2000
18	41/0.16	1.18	3	0.76	2.70	Al-mylar	41/0.16	16/8/0.10	0.76	8.40	21.8	2000
18	41/0.16	1.18	4	0.76	2.70	Al-mylar	41/0.16	16/9/0.10	0.76	9.20	21.8	2000
18	41/0.16	1.18	5	0.76	2.70	Al-mylar	41/0.16	16/10/0.1	0.76	9.90	21.8	2000
18	41/0.16	1.18	6	0.76	2.70	Al-mylar	41/0.16	16/10/0.1	0.76	10.80	21.8	2000
18	41/0.16	1.18	7	0.76	2.70	Al-mylar	41/0.16	16/10/0.1	0.76	10.80	21.8	2000
18	41/0.16	1.18	8	0.76	2.70	Al-mylar	41/0.16	16/10/0.1	0.76	11.60	21.8	2000
18	41/0.16	1.18	9	0.76	2.70	Al-mylar	41/0.16	16/10/0.1	0.76	12.80	21.8	2000
18	41/0.16	1.18	10	0.76	2.70	Al-mylar	41/0.16	16/10/0.1	0.76	13.60	21.8	2000
16	26/0.254	1.49	2	0.76	3.08	Al-mylar	26/0.254	16/9/0.10	0.76	8.60	13.7	2000
16	26/0.254	1.49	3	0.76	3.08	Al-mylar	26/0.254	16/9/0.10	0.76	9.10	13.7	2000
16	26/0.254	1.49	4	0.76	3.08	Al-mylar	26/0.254	16/10/0.1	0.76	9.90	13.7	2000
16	26/0.254	1.49	5	0.76	3.08	Al-mylar	26/0.254	16/9/0.12	0.76	10.80	13.7	2000
16	26/0.254	1.49	6	0.76	3.08	Al-mylar	26/0.254	16/9/0.12	0.76	11.70	13.7	2000
16	26/0.254	1.49	7	0.76	3.08	Al-mylar	26/0.254	16/9/0.12	0.76	11.70	13.7	2000
16	26/0.254	1.49	8	0.76	3.08	Al-mylar	26/0.254	16/10/0.1	0.76	12.70	13.7	2000
16	26/0.254	1.49	9	0.76	3.08	Al-mylar	26/0.254	16/10/0.1	0.76	13.90	13.7	2000
16	26/0.254	1.49	10	0.76	3.08	Al-mylar	26/0.254	16/11/0.1	0.76	14.90	13.7	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL2586



截面图



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards : UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 40AWG min.
- Insulation: PVC
- Shield: Al-Mylar+Tinned or bare copper Braid (Optional)
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: + 80°C
- Rated voltage: 600V, 1000V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 600V, 1000V



Temperature Range

- + 80°C

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	5.90	381	2000
30	7/0.10	0.30	3	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	6.20	381	2000
30	7/0.10	0.30	4	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	6.70	381	2000
30	7/0.10	0.30	5	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	7.30	381	2000
30	7/0.10	0.30	6	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	7.90	381	2000
30	7/0.10	0.30	7	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	7.90	381	2000
30	7/0.10	0.30	8	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	8.50	381	2000
30	7/0.10	0.30	9	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	9.30	381	2000
30	7/0.10	0.30	10	0.76	190	Al-mylar	7/0.10	Tinned coppe	0.76	9.90	381	2000
28	7/0.127	0.38	2	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	6.20	239	2000
28	7/0.127	0.38	3	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	6.50	239	2000
28	7/0.127	0.38	4	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	7.00	239	2000
28	7/0.127	0.38	5	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	7.60	239	2000
28	7/0.127	0.38	6	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	8.20	239	2000
28	7/0.127	0.38	7	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	8.20	239	2000
28	7/0.127	0.38	8	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	8.90	239	2000
28	7/0.127	0.38	9	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	9.70	239	2000
28	7/0.127	0.38	10	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	10.30	239	2000
26	7/0.16	0.48	2	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	6.30	150	2000
26	7/0.16	0.48	3	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	6.50	150	2000
26	7/0.16	0.48	4	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	7.10	150	2000
26	7/0.16	0.48	5	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	7.80	150	2000
26	7/0.16	0.48	6	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	8.40	150	2000
26	7/0.16	0.48	7	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	8.40	150	2000
26	7/0.16	0.48	8	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	9.10	150	2000
26	7/0.16	0.48	9	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	9.90	150	2000
26	7/0.16	0.48	10	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	10.60	150	2000

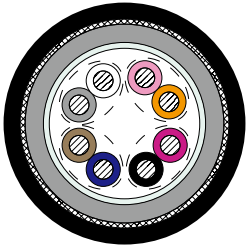
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	6.60	94.2	2000
24	11/0.16	0.61	3	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	7.00	94.2	2000
24	11/0.16	0.61	4	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	7.50	94.2	2000
24	11/0.16	0.61	5	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	8.20	94.2	2000
24	11/0.16	0.61	6	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	8.80	94.2	2000
24	11/0.16	0.61	7	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	8.80	94.2	2000
24	11/0.16	0.61	8	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	9.50	94.2	2000
24	11/0.16	0.61	9	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	10.40	94.2	2000
24	11/0.16	0.61	10	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	11.00	94.2	2000
22	17/0.16	0.76	2	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	6.90	59.4	2000
22	17/0.16	0.76	3	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	7.30	59.4	2000
22	17/0.16	0.76	4	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	7.90	59.4	2000
22	17/0.16	0.76	5	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	8.60	59.4	2000
22	17/0.16	0.76	6	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	9.30	59.4	2000
22	17/0.16	0.76	7	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	9.30	59.4	2000
22	17/0.16	0.76	8	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	10.10	59.4	2000
22	17/0.16	0.76	9	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	11.00	59.4	2000
22	17/0.16	0.76	10	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	11.70	59.4	2000
20	26/0.16	0.94	2	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	7.30	36.7	2000
20	26/0.16	0.94	3	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	7.70	36.7	2000
20	26/0.16	0.94	4	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	8.50	36.7	2000
20	26/0.16	0.94	5	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	9.30	36.7	2000
20	26/0.16	0.94	6	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	10.00	36.7	2000
20	26/0.16	0.94	7	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	10.00	36.7	2000
20	26/0.16	0.94	8	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	10.80	36.7	2000
20	26/0.16	0.94	9	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	11.80	36.7	2000
20	26/0.16	0.94	10	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	12.50	36.7	2000
18	41/0.16	1.18	2	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	8.00	23.2	2000
18	41/0.16	1.18	3	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	8.40	23.2	2000
18	41/0.16	1.18	4	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	9.20	23.2	2000
18	41/0.16	1.18	5	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	9.90	23.2	2000
18	41/0.16	1.18	6	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	10.80	23.2	2000
18	41/0.16	1.18	7	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	10.80	23.2	2000
18	41/0.16	1.18	8	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	11.60	23.2	2000
18	41/0.16	1.18	9	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	12.80	23.2	2000
18	41/0.16	1.18	10	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	13.60	23.2	2000
16	26/0.254	1.49	2	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	8.60	14.6	2000
16	26/0.254	1.49	3	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	9.10	14.6	2000
16	26/0.254	1.49	4	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	9.90	14.6	2000
16	26/0.254	1.49	5	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	10.80	14.6	2000
16	26/0.254	1.49	6	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	11.70	14.6	2000
16	26/0.254	1.49	7	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	11.70	14.6	2000
16	26/0.254	1.49	8	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	12.70	14.6	2000
16	26/0.254	1.49	9	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	13.90	14.6	2000
16	26/0.254	1.49	10	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	14.90	14.6	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL2725



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards：UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper
- Insulation: PVC SRPC, PE.PP.
- Shield: AL foil mylar+
Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: + 60°C + 80°C
- Rated voltage: 30V

Technical Data



- Conductor stranding**
- Confirm to UL Standard
 - UL758, UL1581,
 - CSA C22.2, No.210.2



- Rated Voltage**
- 30V



- Temperature Range**
- + 60°C , + 80°C

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.76	1.90	Al-mylar	7/0.10	16/5/0.10	0.76	5.90	381	2000
30	7/0.10	0.30	3	0.76	1.90	Al-mylar	7/0.10	16/5/0.10	0.76	6.20	381	2000
30	7/0.10	0.30	4	0.76	1.90	Al-mylar	7/0.10	16/6/0.10	0.76	6.70	381	2000
30	7/0.10	0.30	5	0.76	1.90	Al-mylar	7/0.10	16/6/0.10	0.76	7.30	381	2000
30	7/0.10	0.30	6	0.76	1.90	Al-mylar	7/0.10	16/7/0.10	0.76	7.90	381	2000
30	7/0.10	0.30	7	0.76	1.90	Al-mylar	7/0.10	16/7/0.10	0.76	7.90	381	2000
30	7/0.10	0.30	8	0.76	1.90	Al-mylar	7/0.10	16/7/0.10	0.76	8.50	381	2000
30	7/0.10	0.30	9	0.76	1.90	Al-mylar	7/0.10	16/8/0.10	0.76	9.30	381	2000
30	7/0.10	0.30	10	0.76	1.90	Al-mylar	7/0.10	16/9/0.10	0.76	9.90	381	2000
28	7/0.127	0.38	2	0.76	2.00	Al-mylar	7/0.127	16/5/0.10	0.76	6.20	239	2000
28	7/0.127	0.38	3	0.76	2.00	Al-mylar	7/0.127	16/6/0.10	0.76	6.50	239	2000
28	7/0.127	0.38	4	0.76	2.00	Al-mylar	7/0.127	16/6/0.10	0.76	7.00	239	2000
28	7/0.127	0.38	5	0.76	2.00	Al-mylar	7/0.127	16/7/0.10	0.76	7.60	239	2000
28	7/0.127	0.38	6	0.76	2.00	Al-mylar	7/0.127	16/7/0.10	0.76	8.20	239	2000
28	7/0.127	0.38	7	0.76	2.00	Al-mylar	7/0.127	16/7/0.10	0.76	8.20	239	2000
28	7/0.127	0.38	8	0.76	2.00	Al-mylar	7/0.127	16/8/0.10	0.76	8.90	239	2000
28	7/0.127	0.38	9	0.76	2.00	Al-mylar	7/0.127	16/8/0.10	0.76	9.70	239	2000
28	7/0.127	0.38	10	0.76	2.00	Al-mylar	7/0.127	16/9/0.10	0.76	10.30	239	2000
26	7/0.16	0.48	2	0.76	2.05	Al-mylar	7/0.16	16/6/0.10	0.76	6.30	150	2000
26	7/0.16	0.48	3	0.76	2.05	Al-mylar	7/0.16	16/6/0.10	0.76	6.50	150	2000
26	7/0.16	0.48	4	0.76	2.05	Al-mylar	7/0.16	16/6/0.10	0.76	7.10	150	2000
26	7/0.16	0.48	5	0.76	2.05	Al-mylar	7/0.16	16/7/0.10	0.76	7.80	150	2000
26	7/0.16	0.48	6	0.76	2.05	Al-mylar	7/0.16	16/8/0.10	0.76	8.40	150	2000
26	7/0.16	0.48	7	0.76	2.05	Al-mylar	7/0.16	16/8/0.10	0.76	8.40	150	2000
26	7/0.16	0.48	8	0.76	2.05	Al-mylar	7/0.16	16/8/0.10	0.76	9.10	150	2000
26	7/0.16	0.48	9	0.76	2.05	Al-mylar	7/0.16	16/9/0.10	0.76	9.90	150	2000
26	7/0.16	0.48	10	0.76	2.05	Al-mylar	7/0.16	16/9/0.10	0.76	10.60	150	2000

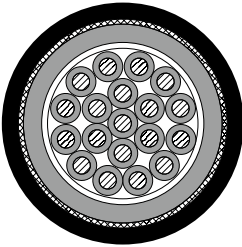
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.76	2.20	Al-mylar	11/0.16	16/6/0.10	0.76	6.60	94.2	2000
24	11/0.16	0.61	3	0.76	2.20	Al-mylar	11/0.16	16/6/0.10	0.76	7.00	94.2	2000
24	11/0.16	0.61	4	0.76	2.20	Al-mylar	11/0.16	16/7/0.10	0.76	7.50	94.2	2000
24	11/0.16	0.61	5	0.76	2.20	Al-mylar	11/0.16	16/8/0.10	0.76	8.20	94.2	2000
24	11/0.16	0.61	6	0.76	2.20	Al-mylar	11/0.16	16/8/0.10	0.76	8.80	94.2	2000
24	11/0.16	0.61	7	0.76	2.20	Al-mylar	11/0.16	16/8/0.10	0.76	8.80	94.2	2000
24	11/0.16	0.61	8	0.76	2.20	Al-mylar	11/0.16	16/9/0.10	0.76	9.50	94.2	2000
24	11/0.16	0.61	9	0.76	2.20	Al-mylar	11/0.16	16/9/0.10	0.76	10.40	94.2	2000
24	11/0.16	0.61	10	0.76	2.20	Al-mylar	11/0.16	16/10/0.1	0.76	11.00	94.2	2000
22	17/0.16	0.76	2	0.76	2.35	Al-mylar	17/0.16	16/7/0.10	0.76	6.90	59.4	2000
22	17/0.16	0.76	3	0.76	2.35	Al-mylar	17/0.16	16/7/0.10	0.76	7.30	59.4	2000
22	17/0.16	0.76	4	0.76	2.35	Al-mylar	17/0.16	16/8/0.10	0.76	7.90	59.4	2000
22	17/0.16	0.76	5	0.76	2.35	Al-mylar	17/0.16	16/8/0.10	0.76	8.60	59.4	2000
22	17/0.16	0.76	6	0.76	2.35	Al-mylar	17/0.16	16/9/0.10	0.76	9.30	59.4	2000
22	17/0.16	0.76	7	0.76	2.35	Al-mylar	17/0.16	16/9/0.10	0.76	9.30	59.4	2000
22	17/0.16	0.76	8	0.76	2.35	Al-mylar	17/0.16	16/10/0.1	0.76	10.10	59.4	2000
22	17/0.16	0.76	9	0.76	2.35	Al-mylar	17/0.16	16/10/0.1	0.76	11.00	59.4	2000
22	17/0.16	0.76	10	0.76	2.35	Al-mylar	17/0.16	16/9/0.12	0.76	11.70	59.4	2000
20	26/0.16	0.94	2	0.76	2.50	Al-mylar	26/0.16	16/7/0.10	0.76	7.30	36.7	2000
20	26/0.16	0.94	3	0.76	2.50	Al-mylar	26/0.16	16/8/0.10	0.76	7.70	36.7	2000
20	26/0.16	0.94	4	0.76	2.50	Al-mylar	26/0.16	16/8/0.10	0.76	8.50	36.7	2000
20	26/0.16	0.94	5	0.76	2.50	Al-mylar	26/0.16	16/9/0.10	0.76	9.30	36.7	2000
20	26/0.16	0.94	6	0.76	2.50	Al-mylar	26/0.16	16/10/0.1	0.76	10.00	36.7	2000
20	26/0.16	0.94	7	0.76	2.50	Al-mylar	26/0.16	16/10/0.1	0.76	10.00	36.7	2000
20	26/0.16	0.94	8	0.76	2.50	Al-mylar	26/0.16	16/10/0.1	0.76	10.80	36.7	2000
20	26/0.16	0.94	9	0.76	2.50	Al-mylar	26/0.16	16/10/0.1	0.76	11.80	36.7	2000
20	26/0.16	0.94	10	0.76	2.50	Al-mylar	26/0.16	16/10/0.1	0.76	12.50	36.7	2000
18	41/0.16	1.18	2	0.76	2.75	Al-mylar	41/0.16	16/8/0.10	0.76	8.00	23.2	2000
18	41/0.16	1.18	3	0.76	2.75	Al-mylar	41/0.16	16/8/0.10	0.76	8.40	23.2	2000
18	41/0.16	1.18	4	0.76	2.75	Al-mylar	41/0.16	16/9/0.10	0.76	9.20	23.2	2000
18	41/0.16	1.18	5	0.76	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	9.90	23.2	2000
18	41/0.16	1.18	6	0.76	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	10.80	23.2	2000
18	41/0.16	1.18	7	0.76	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	10.80	23.2	2000
18	41/0.16	1.18	8	0.76	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	11.60	23.2	2000
18	41/0.16	1.18	9	0.76	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	12.80	23.2	2000
18	41/0.16	1.18	10	0.76	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	13.60	23.2	2000

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL2835



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards :
UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper
- 40AWG min
- Insulation: PVC SRPC, PE.PP.
- Shield: AL foil mylar+
Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: + 60°C
- Rated voltage: 30V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 30V



Temperature Range

- + 60°C

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.05	0.80	Al-mylar	7/0.10	16/4/0.10	0.38	3.30	381	500
30	7/0.10	0.30	3	0.05	0.80	Al-mylar	7/0.10	16/4/0.10	0.38	3.50	381	500
30	7/0.10	0.30	4	0.05	0.80	Al-mylar	7/0.10	16/5/0.10	0.38	3.60	381	500
30	7/0.10	0.30	5	0.05	0.80	Al-mylar	7/0.10	16/5/0.10	0.38	4.00	381	500
30	7/0.10	0.30	6	0.05	0.80	Al-mylar	7/0.10	16/6/0.10	0.38	4.20	381	500
30	7/0.10	0.30	7	0.05	0.80	Al-mylar	7/0.10	16/6/0.10	0.38	4.20	381	500
30	7/0.10	0.30	8	0.05	0.80	Al-mylar	7/0.10	16/7/0.10	0.38	4.50	381	500
30	7/0.10	0.30	9	0.05	0.80	Al-mylar	7/0.10	16/7/0.10	0.38	4.80	381	500
30	7/0.10	0.30	10	0.05	0.80	Al-mylar	7/0.10	16/7/0.10	0.38	5.00	381	500
28	7/0.127	0.38	2	0.05	0.90	Al-mylar	7/0.127	16/5/0.10	0.38	3.50	239	500
28	7/0.127	0.38	3	0.05	0.90	Al-mylar	7/0.127	16/5/0.10	0.38	3.70	239	500
28	7/0.127	0.38	4	0.05	0.90	Al-mylar	7/0.127	16/6/0.10	0.38	4.00	239	500
28	7/0.127	0.38	5	0.05	0.90	Al-mylar	7/0.127	16/6/0.10	0.38	4.20	239	500
28	7/0.127	0.38	6	0.05	0.90	Al-mylar	7/0.127	16/6/0.10	0.38	4.50	239	500
28	7/0.127	0.38	7	0.05	0.90	Al-mylar	7/0.127	16/6/0.10	0.38	4.50	239	500
28	7/0.127	0.38	8	0.05	0.90	Al-mylar	7/0.127	16/7/0.10	0.38	4.80	239	500
28	7/0.127	0.38	9	0.05	0.90	Al-mylar	7/0.127	16/8/0.10	0.38	5.20	239	500
28	7/0.127	0.38	10	0.05	0.90	Al-mylar	7/0.127	16/8/0.10	0.38	5.50	239	500
26	7/0.16	0.48	2	0.05	1.00	Al-mylar	7/0.16	16/5/0.10	0.38	3.70	150	500
26	7/0.16	0.48	3	0.05	1.00	Al-mylar	7/0.16	16/5/0.10	0.38	3.90	150	500
26	7/0.16	0.48	4	0.05	1.00	Al-mylar	7/0.16	16/6/0.10	0.38	4.20	150	500
26	7/0.16	0.48	5	0.05	1.00	Al-mylar	7/0.16	16/6/0.10	0.38	4.50	150	500
26	7/0.16	0.48	6	0.05	1.00	Al-mylar	7/0.16	16/7/0.10	0.38	4.80	150	500
26	7/0.16	0.48	7	0.05	1.00	Al-mylar	7/0.16	16/7/0.10	0.38	4.80	150	500
26	7/0.16	0.48	8	0.05	1.00	Al-mylar	7/0.16	16/7/0.10	0.38	5.20	150	500
26	7/0.16	0.48	9	0.05	1.00	Al-mylar	7/0.16	16/8/0.10	0.38	5.60	150	500
26	7/0.16	0.48	10	0.05	1.00	Al-mylar	7/0.16	16/8/0.10	0.38	5.90	150	500

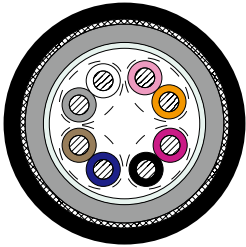
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.05	2.20	Al-mylar	11/0.16	16/5/0.10	0.38	3.90	94.2	500
24	11/0.16	0.61	3	0.05	2.20	Al-mylar	11/0.16	16/5/0.10	0.38	4.10	94.2	500
24	11/0.16	0.61	4	0.05	2.20	Al-mylar	11/0.16	16/6/0.10	0.38	4.40	94.2	500
24	11/0.16	0.61	5	0.05	2.20	Al-mylar	11/0.16	16/6/0.10	0.38	4.80	94.2	500
24	11/0.16	0.61	6	0.05	2.20	Al-mylar	11/0.16	16/7/0.10	0.38	5.20	94.2	500
24	11/0.16	0.61	7	0.05	2.20	Al-mylar	11/0.16	16/7/0.10	0.38	5.20	94.2	500
24	11/0.16	0.61	8	0.05	2.20	Al-mylar	11/0.16	16/7/0.10	0.38	5.40	94.2	500
24	11/0.16	0.61	9	0.05	2.20	Al-mylar	11/0.16	16/8/0.10	0.38	5.90	94.2	500
24	11/0.16	0.61	10	0.05	2.20	Al-mylar	11/0.16	16/8/0.10	0.38	6.30	94.2	500
22	17/0.16	0.76	2	0.05	2.35	Al-mylar	17/0.16	16/6/0.10	0.38	4.30	59.4	500
22	17/0.16	0.76	3	0.05	2.35	Al-mylar	17/0.16	16/6/0.10	0.38	4.50	59.4	500
22	17/0.16	0.76	4	0.05	2.35	Al-mylar	17/0.16	16/7/0.10	0.38	4.90	59.4	500
22	17/0.16	0.76	5	0.05	2.35	Al-mylar	17/0.16	16/8/0.10	0.38	5.40	59.4	500
22	17/0.16	0.76	6	0.05	2.35	Al-mylar	17/0.16	16/8/0.10	0.38	5.80	59.4	500
22	17/0.16	0.76	7	0.05	2.35	Al-mylar	17/0.16	16/8/0.10	0.38	5.80	59.4	500
22	17/0.16	0.76	8	0.05	2.35	Al-mylar	17/0.16	16/8/0.10	0.38	6.10	59.4	500
22	17/0.16	0.76	9	0.05	2.35	Al-mylar	17/0.16	16/9/0.10	0.76	7.00	59.4	500
22	17/0.16	0.76	10	0.05	2.35	Al-mylar	17/0.16	16/10/0.1	0.76	7.30	59.4	500
20	26/0.16	0.94	2	0.05	2.50	Al-mylar	26/0.16	16/7/0.10	0.38	4.70	36.7	500
20	26/0.16	0.94	3	0.05	2.50	Al-mylar	26/0.16	16/7/0.10	0.38	5.00	36.7	500
20	26/0.16	0.94	4	0.05	2.50	Al-mylar	26/0.16	16/8/0.10	0.38	5.40	36.7	500
20	26/0.16	0.94	5	0.05	2.50	Al-mylar	26/0.16	16/8/0.10	0.38	5.90	36.7	500
20	26/0.16	0.94	6	0.05	2.50	Al-mylar	26/0.16	16/9/0.10	0.76	6.60	36.7	500
20	26/0.16	0.94	7	0.05	2.50	Al-mylar	26/0.16	16/9/0.10	0.76	6.60	36.7	500
20	26/0.16	0.94	8	0.05	2.50	Al-mylar	26/0.16	16/9/0.10	0.76	7.10	36.7	500
20	26/0.16	0.94	9	0.05	2.50	Al-mylar	26/0.16	16/9/0.12	0.76	7.80	36.7	500
20	26/0.16	0.94	10	0.05	2.50	Al-mylar	26/0.16	16/9/0.12	0.76	8.20	36.7	500
18	41/0.16	1.18	2	0.05	2.75	Al-mylar	41/0.16	16/8/0.10	0.38	5.30	23.2	500
18	41/0.16	1.18	3	0.05	2.75	Al-mylar	41/0.16	16/8/0.10	0.38	5.70	23.2	500
18	41/0.16	1.18	4	0.05	2.75	Al-mylar	41/0.16	16/8/0.10	0.38	6.20	23.2	500
18	41/0.16	1.18	5	0.05	2.75	Al-mylar	41/0.16	16/9/0.10	0.76	7.10	23.2	500
18	41/0.16	1.18	6	0.05	2.75	Al-mylar	41/0.16	16/9/0.10	0.76	7.60	23.2	500
18	41/0.16	1.18	7	0.05	2.75	Al-mylar	41/0.16	16/9/0.10	0.76	7.60	23.2	500
18	41/0.16	1.18	8	0.05	2.75	Al-mylar	41/0.16	16/9/0.12	0.76	8.20	23.2	500
18	41/0.16	1.18	9	0.05	2.75	Al-mylar	41/0.16	16/9/0.12	0.76	8.90	23.2	500
18	41/0.16	1.18	10	0.05	2.75	Al-mylar	41/0.16	16/10/0.1	0.76	9.50	23.2	500

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL20276



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards : UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 40AWG min
- Insulation: PVC SRPC, PE.PP.
- Shield: AL foil mylar+
Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: 60°C , 80°C
- Rated voltage: 30V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 30V



Temperature Range

- 60°C , 80°C

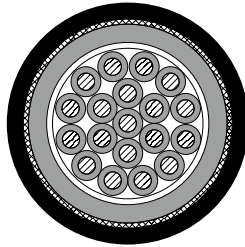
Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	10P	0.05	0.60	Al-mylar	7/0.10	16/8/0.10	0.51	5.40	381	500
30	7/0.10	0.30	15P	0.05	0.60	Al-mylar	7/0.10	24/6/0.10	0.51	6.20	381	500
30	7/0.10	0.30	18P	0.05	0.60	Al-mylar	7/0.10	24/7/0.10	0.51	6.70	381	500
30	7/0.10	0.30	19P	0.05	0.60	Al-mylar	7/0.10	24/7/0.10	0.51	6.90	381	500
30	7/0.10	0.30	25P	0.05	0.60	Al-mylar	7/0.10	24/8/0.10	0.51	7.70	381	500
28	7/0.12	0.38	10P	0.05	0.70	Al-mylar	7/0.127	16/6/0.10	0.51	6.00	239	500
28	7/0.12	0.38	15P	0.05	0.70	Al-mylar	7/0.127	24/5/0.10	0.51	7.10	239	500
28	7/0.12	0.38	18P	0.05	0.70	Al-mylar	7/0.127	24/8/0.10	0.51	7.60	239	500
28	7/0.12	0.38	19P	0.05	0.70	Al-mylar	7/0.127	24/8/0.10	0.51	7.80	239	500
28	7/0.12	0.38	25P	0.05	0.70	Al-mylar	7/0.127	24/9/0.10	0.51	8.80	239	500
26	7/0.16	0.48	3P	0.05	0.80	Al-mylar	7/0.16	16/6/0.10	0.51	4.40	150	500
26	7/0.16	0.48	6P	0.05	0.80	Al-mylar	7/0.16	24/6/0.10	0.51	5.50	150	500
26	7/0.16	0.48	9P	0.05	0.80	Al-mylar	7/0.16	24/7/0.10	0.51	6.40	150	500

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

UL20886



cross section



Highlights

- Comply with RoHS,REACH

Application range

- Used for internal or external connecting lines of general electronic and electrical equipment .

Characteristic

- Drag Chain conform to UL Standards : UL758, UL1581, CSA C22.2, No.210.2

Product Structure

- Conductor: Tinned or bare copper 40AWG min
- Insulation: PVC SRPC, PE.PP.
- Shield: AL foil mylar+
Tinned or bare conductor braid
- Outer sheath: PVC
- Flame : Passes UL VW-1, CSA FT1 and JQA -F-Mark test

Properties

- Rated temperature: 80°C
- Rated voltage: 300V

Technical Data



Conductor stranding

- Confirm to UL Standard
- UL758, UL1581,
- CSA C22.2, No.210.2



Rated Voltage

- 300V



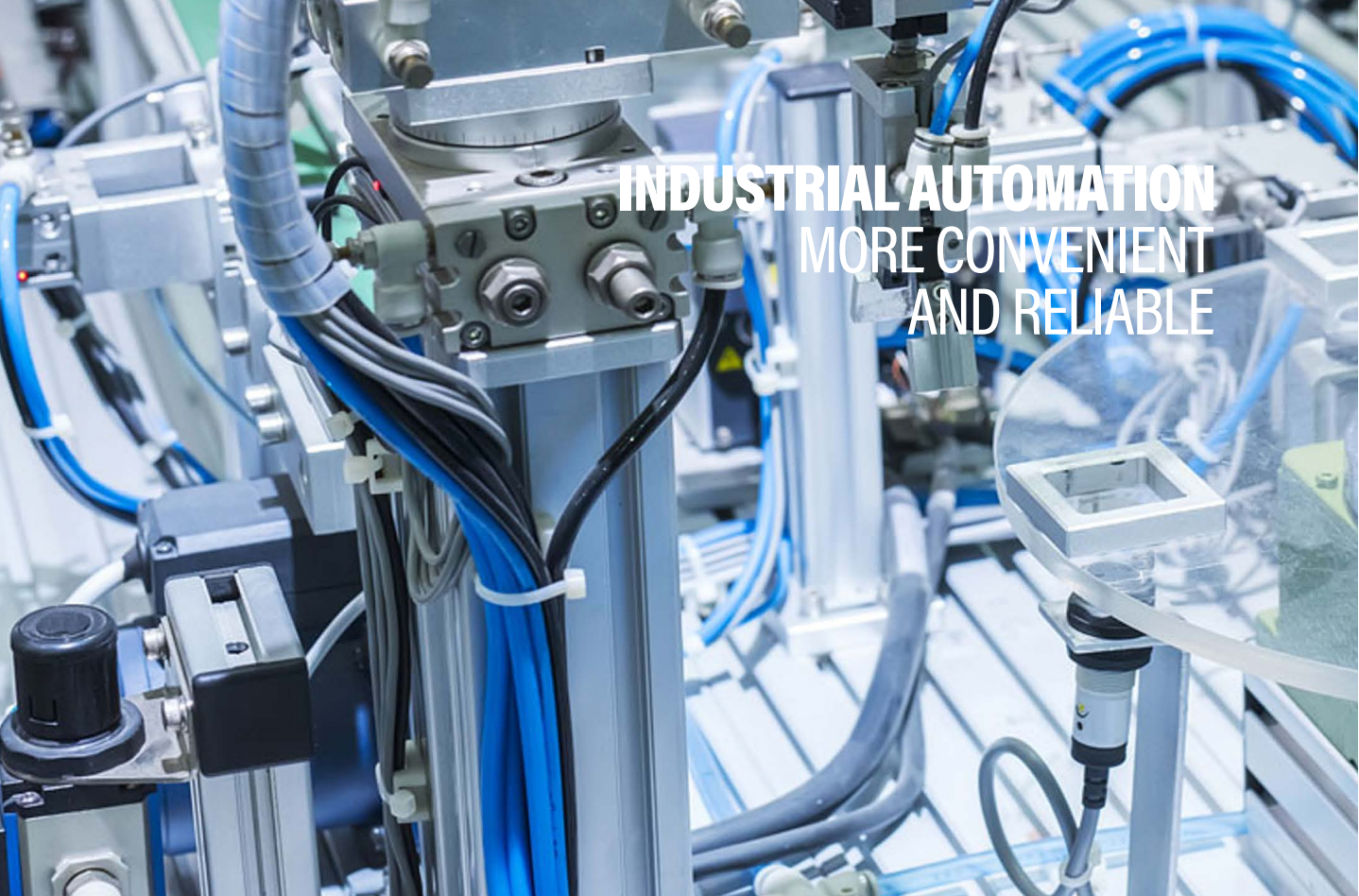
Temperature Range

- 80°C

Concuctor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
30	7/0.10	0.30	2	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	5.90	381	2000
30	7/0.10	0.30	3	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	6.20	381	2000
30	7/0.10	0.30	4	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	6.70	381	2000
30	7/0.10	0.30	5	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	7.30	381	2000
30	7/0.10	0.30	6	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	7.90	381	2000
30	7/0.10	0.30	7	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	7.90	381	2000
30	7/0.10	0.30	8	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	8.50	381	2000
30	7/0.10	0.30	9	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	9.30	381	2000
30	7/0.10	0.30	10	0.76	1.90	Al-mylar	7/0.10	Tinned coppe	0.76	9.90	381	2000
28	7/0.127	0.38	2	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	6.20	239	2000
28	7/0.127	0.38	3	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	6.50	239	2000
28	7/0.127	0.38	4	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	7.00	239	2000
28	7/0.127	0.38	5	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	7.60	239	2000
28	7/0.127	0.38	6	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	8.20	239	2000
28	7/0.127	0.38	7	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	8.20	239	2000
28	7/0.127	0.38	8	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	8.90	239	2000
28	7/0.127	0.38	9	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	9.70	239	2000
28	7/0.127	0.38	10	0.76	2.00	Al-mylar	7/0.127	Tinned coppe	0.76	10.30	239	2000
26	7/0.16	0.48	2	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	6.30	150	2000
26	7/0.16	0.48	3	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	6.50	150	2000
26	7/0.16	0.48	4	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	7.10	150	2000
26	7/0.16	0.48	5	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	7.80	150	2000
26	7/0.16	0.48	6	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	8.40	150	2000
26	7/0.16	0.48	7	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	8.40	150	2000
26	7/0.16	0.48	8	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	9.10	150	2000
26	7/0.16	0.48	9	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	9.90	150	2000
26	7/0.16	0.48	10	0.76	2.05	Al-mylar	7/0.16	Tinned coppe	0.76	10.60	150	2000

Conductor			Insulation			Shield Construction			Jacket		MAX.COND Resistance (Ω/km,20°C,DC)	Dielectric strength (VAC, 1min)
AWG	Constructio	DIA (mm)	(No.)	(mm) Min average thickness	(mm) DIA.	Wrap	Drain	Braid	(mm) Min average thickness	(mm) DIA.		
24	11/0.16	0.61	2	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	6.60	94.2	2000
24	11/0.16	0.61	3	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	7.00	94.2	2000
24	11/0.16	0.61	4	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	7.50	94.2	2000
24	11/0.16	0.61	5	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	8.20	94.2	2000
24	11/0.16	0.61	6	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	8.80	94.2	2000
24	11/0.16	0.61	7	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	8.80	94.2	2000
24	11/0.16	0.61	8	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	9.50	94.2	2000
24	11/0.16	0.61	9	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	10.40	94.2	2000
24	11/0.16	0.61	10	0.76	2.20	Al-mylar	11/0.16	Tinned coppe	0.76	11.00	94.2	2000
22	17/0.16	0.76	2	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	6.90	59.4	2000
22	17/0.16	0.76	3	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	7.30	59.4	2000
22	17/0.16	0.76	4	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	7.90	59.4	2000
22	17/0.16	0.76	5	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	8.60	59.4	2000
22	17/0.16	0.76	6	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	9.30	59.4	2000
22	17/0.16	0.76	7	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	9.30	59.4	2000
22	17/0.16	0.76	8	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	10.10	59.4	2000
22	17/0.16	0.76	9	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	11.00	59.4	2000
22	17/0.16	0.76	10	0.76	2.35	Al-mylar	17/0.16	Tinned coppe	0.76	11.70	59.4	2000
20	26/0.16	0.94	2	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	7.30	36.7	2000
20	26/0.16	0.94	3	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	7.70	36.7	2000
20	26/0.16	0.94	4	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	8.50	36.7	2000
20	26/0.16	0.94	5	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	9.30	36.7	2000
20	26/0.16	0.94	6	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	10.00	36.7	2000
20	26/0.16	0.94	7	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	10.00	36.7	2000
20	26/0.16	0.94	8	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	10.80	36.7	2000
20	26/0.16	0.94	9	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	11.80	36.7	2000
20	26/0.16	0.94	10	0.76	2.50	Al-mylar	26/0.16	Tinned coppe	0.76	12.50	36.7	2000
18	41/0.16	1.18	2	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	8.00	23.2	2000
18	41/0.16	1.18	3	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	8.40	23.2	2000
18	41/0.16	1.18	4	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	9.20	23.2	2000
18	41/0.16	1.18	5	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	9.90	23.2	2000
18	41/0.16	1.18	6	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	10.80	23.2	2000
18	41/0.16	1.18	7	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	10.80	23.2	2000
18	41/0.16	1.18	8	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	11.60	23.2	2000
18	41/0.16	1.18	9	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	12.80	23.2	2000
18	41/0.16	1.18	10	0.76	2.75	Al-mylar	41/0.16	Tinned coppe	0.76	13.60	23.2	2000
16	26/0.254	1.49	2	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	8.60	14.6	2000
16	26/0.254	1.49	3	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	9.10	14.6	2000
16	26/0.254	1.49	4	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	9.90	14.6	2000
16	26/0.254	1.49	5	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	10.80	14.6	2000
16	26/0.254	1.49	6	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	11.70	14.6	2000
16	26/0.254	1.49	7	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	11.70	14.6	2000
16	26/0.254	1.49	8	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	12.70	14.6	2000
16	26/0.254	1.49	9	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	13.90	14.6	2000
16	26/0.254	1.49	10	0.76	3.05	Al-mylar	26/0.254	Tinned coppe	0.76	14.90	14.6	2000

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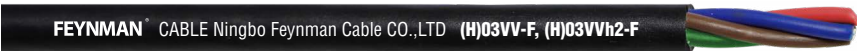


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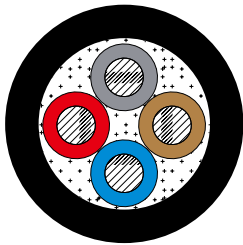
8 EU Standard Power Cable

- (H)03VV-F, (H)03VVH2-F
- (H)05VV-F, (H)05VVH2-F
- (H)03V2V2-F, (H)03V2V2H2-F
- (H)05V2V2-F, (H)05V2V2H2-F
- (H)07V-U, (H)07V-R, (H)07V-K
- (H)05V-U, (H)05V-R, (H)05V-K
- (H)07V2-U, (H)07V2-R, (H)07V2-K
- (H)05V2-U, (H)05V2-R, (H)05V2-K
- (H)05VV5-F
- (H)05VVC4V5-K
- (H)03 (05) Z1Z1-F, (H)03 (05) Z1Z1H2-F
- (H)07(5)Z1-U, (H)07(5)Z1-R, (H)070Z1-K
- (H)07(05)Z-U,(H)07Z-R,(H)07(05)Z-K
- YSLY EU standard unshielded control cable
- YSLCY shielded EU standard control cable
- YSLYCY shielded double sheath EU standard control cable
- LiYY unshielded EU standard data cable
- LiYCY shielded EU standard data cable
- LiYY-TP twisted pair unshielded EU standard data cable
- NYY-0 EU Power cable U0/U 600/1000V
- NYY-J EU Power cable U0/U 600/1000V
- N2XY EU Power cable U0/U 600/1000V
- N2XH EU Power cable U0/U 600/1000V

(H)03VV-F, (H)03VVH2-F



cross section



Application Range

- Mainly used in flexible usage areas such
- as medium and light mobile appliances,
- instrumentation,
- household appliances,
- power lighting, etc

Product Structure

- Conductor: Fine-wired copper conductor of bare copper in line with conductor
- Core insulation: Based on PVC TI2 follwo VDE-0281
- Outer sheath: PVC TM2
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl.5

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

- Rated Voltage**
 - U0/U : 300/300V
- Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C to +70° C
 - Fixed installation: -5° C to +70° C
- Flammability**
 - Flame-retardant according IEC 60332.1

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0225102338001422BK	0.5 (oblate)	2	(3.1×5.0)±0.4	25
B0125102012001422BK	0.5	2	5.1±0.4	38
B0225102339001422BK	0.75 (oblate)	2	(3.3×5.4)±0.4	32
B0125102013001422BK	0.75	2	5.5±0.4	43

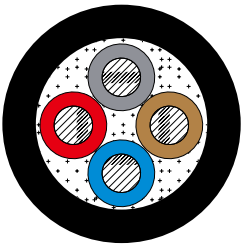
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0125103012001422BK	0.5	3	5.4±0.4	39
B0125103013001422BK	0.75	3	5.8±0.4	48
B0125104012001422BK	0.5	4	5.9±0.4	49
B0125104013001422BK	0.75	4	6.4±0.4	62

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(H)05VV-F, (H)05VVH2-F



cross section



Application Range

- Mainly used in flexible usage areas such as
- medium and light mobile appliances
- instrumentation
- household appliances
- power lighting, etc

Product Structure

- Conductor: Fine-wired copper conductor of bare copper in line with conductor
- Core insulation: Based on PVC TI2 follwo VDE-0281
- Outer sheath: PVC TM2
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl.5

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

- Rated Voltage**
 - U0/U : 300/500V
- Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C to +70° C
 - Fixed installation: -5° C to +70° C
- Flammability**
 - Flame-retardant according IEC 60332.1

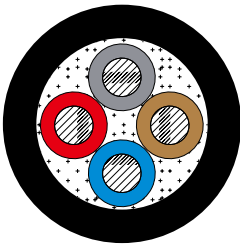
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0435102339001422BK	0.75 (oblate)	2	(3.9±0.4)×(6.2±0.4)	39
B0335102013001422BK	0.75	2	6.3±0.4	52
B0435102340001422BK	1.0 (oblate)	2	(4.1±0.4)×(6.6±0.4)	46
B0335102014001422BK	1.0	2	6.7±0.4	59
B0335102016001422BK	1.5	2	7.7±0.4	83
B0335102018001422BK	2.5	2	9.5±0.4	123
B0335103013001422BK	0.75	3	6.7±0.4	60
B0335103014001422BK	1.0	3	7.1±0.4	69
B0335103016001422BK	1.5	3	8.4±0.6	102

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0335103018001422BK	2.5	3	10.1±0.6	152
B0335104013001422BK	0.75	4	7.3±0.4	74
B0335104014001422BK	1.0	4	7.9±0.4	91
B0335104016001422BK	1.5	4	9.3±0.6	129
B0335104018001422BK	2.5	4	11.2±0.6	199
B0335105013001422BK	0.75	5	8.1±0.6	94
B0335105014001422BK	1.0	5	8.7±0.6	111
B0335105016001422BK	1.5	5	10.4±0.6	160
B0335105018001422BK	2.5	5	12.5±0.6	248

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(H)03V2V2-F, (H)03V2V2H2-F

cross section



Application Range

- Mainly suitable for residential buildings, kitchens,
- lighting service halls or portable lighting instruments,
- Or for areas with higher temperatures.
- Not suitable for outdoor installation

Product Structure

- Conductor: Fine-wired copper conductor of bare copper in line with conductor
- Core insulation: Based on PVC Tl3 follwo VDE-0281
- Outer sheath: PVC TM3
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl.5

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

-  **Rated Voltage**
 - U0/U : 300/300V
-  **Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
-  **Temperature Range**
 - Flexing: -10° C to +90° C
 - Fixed installation: -5° C to +90° C
-  **Flammability**
 - Flame-retardant according IEC 60332.1

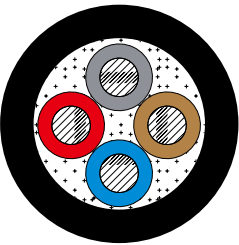
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0625102338002418BK	0.5 (oblate)	2	(3.1×5.0)±0.4	25
B0525102012002418BK	0.5	2	5.1±0.4	32
B0625102339002418BK	0.75 (oblate)	2	(3.3×5.4)±0.4	32
B0525102013002418BK	0.75	2	5.5±0.4	43

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0525103012002418BK	0.5	3	5.4±0.4	39
B0525103013002418BK	0.75	3	5.8±0.4	49
B0525104012002418BK	0.5	4	5.9±0.4	49
B0525104013002418BK	0.75	4	6.4±0.4	62

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

(H)05V2V2-F, (H)05V2V2H2-F

cross section



Application Range

- Mainly suitable for residential buildings, kitchens,
- lighting service halls or portable lighting instruments,
- Or for areas with higher temperatures.
- Not suitable for outdoor installation

Product Structure

- Conductor: Fine-wired copper conductor of bare copper in line with conductor
- Core insulation: Based on PVC Tl3 follwo VDE-0281
- Outer sheath: PVC TM3
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl.5

Properties

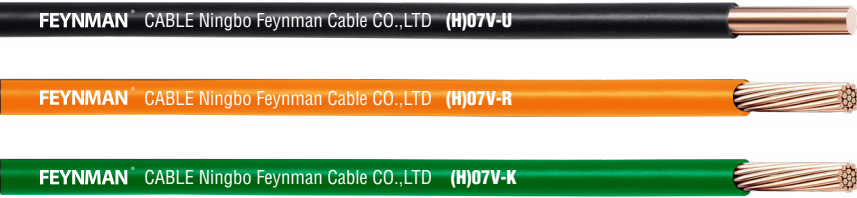
- Characteristic: The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0835102339002418BK	0.75 (oblate)	2	(3.9×6.2)±0.4	39
B0735102013002418BK	0.75	2	6.3±0.4	52
B0835102340002418BK	1.0 (oblate)	2	(4.1×6.6)±0.4	46
B0735102014002418BK	1.0	2	6.7±0.4	59
B0735102016002418BK	1.5	2	7.7±0.4	83
B0735102018002418BK	2.5	2	9.5±0.4	123
B0735103013002418BK	0.75	3	6.7±0.4	60
B0735103014002418BK	1.0	3	7.1±0.4	69
B0735103016002418BK	1.5	3	8.4±0.6	102

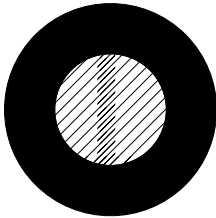
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0735103018002418BK	2.5	3	10.1±0.6	152
B0735104013002418BK	0.75	4	7.3±0.4	74
B0735104014002418BK	1.0	4	7.9±0.4	91
B0735104016002418BK	1.5	4	9.3±0.6	129
B0735104018002418BK	2.5	4	11.2±0.6	199
B0735105013002418BK	0.75	5	8.1±0.6	94
B0735105014002418BK	1.0	5	8.7±0.6	111
B0735105016002418BK	1.5	5	10.4±0.6	160
B0735105018002418BK	2.5	5	12.5±0.6	248

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

(H)07V-U, (H)07V-R, (H)07V-K



cross section



Application Range

- Suitable for internal connections of equipment, distribution panels, and switches,
- as well as for use in 450/750V cabling systems with protection

Product Structure

- Conductor:
(H)07V-U: Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
(H)07V-R: Fine-wired copper conductor of bare copper solid/strands in line with conductor DIN VDE 0295 cl-2
(H)07V-K: Fine-wired copper conductor of bare copper strands Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
- Core insulation: Based on PVC T11
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity:
(H)07V-U: DIN VDE 0295 cl-1
(H)07V-R: DIN VDE 0295 cl-2
(H)07V-K: DIN-0295 Cl 5

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

Technical Data

- Rated Voltage**
 - U0/U : 450/750V
- Minimum bending radius**
 - (H)07V-U:
Flexing: 20D (Cable O.D.)
 - (H)07V-R:
Flexing: 15D (Cable O.D.)
 - (H)07V-K:
Flexing: 6D (Cable O.D.)
Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C to +70° C
 - Fixed installation: -5° C to +70° C
- Flammability**
 - Flame-retardant according IEC 60332.1

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B0951101016000100BK	1.5	1	2.8±0.16	21
B0951101018000100BK	2.5	1	3.4±0.16	32
B0951101019000100BK	4.0	1	3.9±0.16	47
B0951101020000100BK	6.0	1	4.3±0.2	63
B1052101016000100BK	1.5	1	3.0±0.16	21
B1052101018000100BK	2.5	1	3.6±0.16	33
B1052101019000100BK	4.0	1	4.2±0.2	48
B1052101020000100BK	6.0	1	4.7±0.2	68
B1052101021000100BK	10	1	6.0±0.2	112
B1052101022000100BK	16	1	7.0±0.2	170
B1052101023000100BK	25	1	8.7±0.2	269

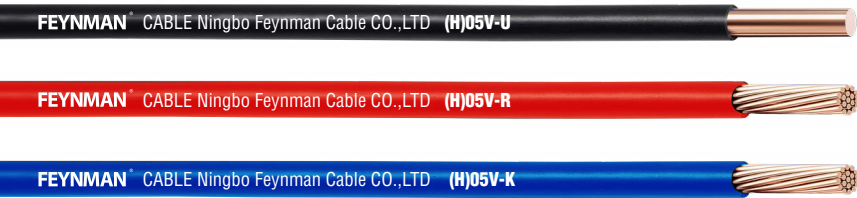
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1052101024000100BK	35	1	9.8±0.2	359
B1052101025000100BK	50	1	11.6±0.2	492
B1052101026000100BK	70	1	13.3±0.2	686
B1052101027000100BK	95	1	15.6±0.2	948
B1052101028000100BK	120	1	17.1±0.2	1181
B1052101029000100BK	150	1	19.1±0.2	1460
B1052101030000100BK	185	1	21.3±0.2	1826
B1052101031000100BK	240	1	24.3±0.2	2398
B1052101032000100BK	300	1	27.0±0.2	2992
B1155101016000100BK	1.5	1	3.0±0.16	21
B1155101018000100BK	2.5	1	3.7±0.16	33

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1155101019000100BK	4	1	4.2±0.2	48
B1155101020000100BK	6	1	4.8±0.2	68
B1155101021000100BK	10	1	6.5±0.2	119
B1155101022000100BK	16	1	7.7±0.2	176
B1155101023000100BK	25	1	9.6±0.2	272
B1155101024000100BK	35	1	10.9±0.2	365
B1155101025000100BK	50	1	13.1±0.2	527

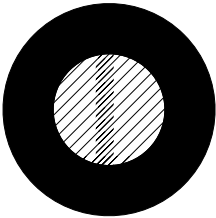
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1155101026000100BK	70	1	15.0±0.2	710
B1155101027000100BK	95	1	17.9±0.2	966
B1155101028000100BK	120	1	19.9±0.2	1209
B1155101029000100BK	150	1	22.1±0.2	1508
B1155101030000100BK	185	1	24.5±0.2	1848
B1155101031000100BK	240	1	27.8±0.2	2410

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(H)05V-U, (H)05V-R, (H)05V-K



cross section



Application Range

- These cables are mainly installed inside the equipment and are used for lighting,
- dry rooms,
- production facilities,
- switches,
- and distribution boards under protected conditions

Product Structure

- Conductor:
(H)05V-U: Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
(H)05V-R: Fine-wired copper conductor of bare copper solid/strands in line with conductor DIN VDE 0295 cl-2
(H)05V-K: Fine-wired copper conductor of bare copper strands Fine wire strands according to VDE 0295 Cl5
- Core insulation: Based on PVC T11
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity:
(H)05V-U: DIN VDE 0295 cl-1
(H)05V-R: DIN VDE 0295 cl-2
(H)05V-K: DIN VDE 0295 Cl5

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1231101012000100BK	0.5	1	2.0±0.1	9
B1231101013000100BK	0.75	1	2.2±0.16	12
B1231101014000100BK	1.0	1	2.3±0.16	14
B1332101012000100BK	0.5	1	2.1±0.16	9
B1332101013000100BK	0.75	1	2.3±0.16	12

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1332101014000100BK	1.0	1	2.5±0.16	15
B1435101012000100BK	0.5	1	2.1±0.16	9
B1435101013000100BK	0.75	1	2.3±0.16	12
B1435101014000100BK	1.0	1	2.5±0.16	14

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Technical Data



Rated Voltage

- U0/U : 300/500V



Minimum bending radius

- (H)05V-U:
Fixed installation: 20D(Cable O.D.)
- (H)05V-R:
Fixed installation: 15D(Cable O.D.)
- (H)05V-K:
Fixed installation: 6D(Cable O.D.)
Flexing: 13D (Cable O.D.)



Temperature Range

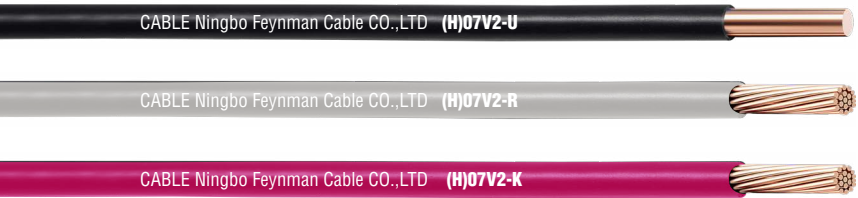
- Flexing: -5° C to +70° C
- Fixed installation: -5° C to +70° C



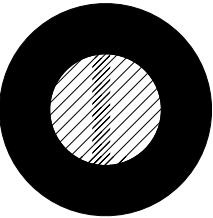
Flammability

- Flame-retardant according IEC 60332.1

(H)07V2-U, (H)07V2-R, (H)07V2-K



cross section



Application Range

- Suitable for fixed installation inside electrical equipment or inside and outside lighting devices with protection.
- Also used for internal wiring of electrical equipment,
- such as lighting and heating equipment

Product Structure

- Conductor:
(H)07V-U: Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
(H)07V-R: Fine-wired copper conductor of bare copper solid/strands in line with conductor DIN VDE 0295 cl-2
(H)07V-K: Fine-wired copper conductor of bare copper strands Fine wire strands according to VDE 0295 Cl5
- Core insulation: Based on PVC T13"
- Color of core and sheath: as per customer's requirement"
- Material of core and sheath: as per customer's requirement"

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity:
(H)05V-U: DIN VDE 0295 cl-1
(H)05V-R: DIN VDE 0295 cl-2
(H)05V-K: DIN VDE 0295 Cl5

Properties

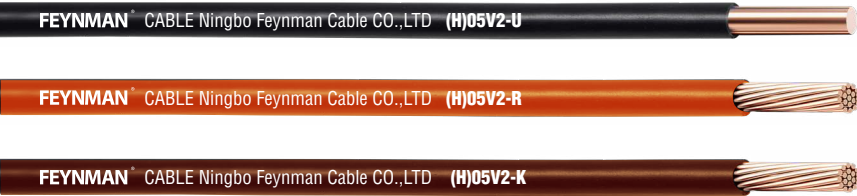
- Characteristic:
The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1551101016002400BK	1.5	1	2.8±0.16	21
B1551101018002400BK	2.5	1	3.4±0.16	32
B1551101019002400BK	4.0	1	3.82±0.16	45
B1551101020002400BK	6.0	1	4.3±0.2	63
B1652101016002400BK	1.5	1	3.0±0.16	21
B1652101018002400BK	2.5	1	3.6±0.16	33
B1652101019002400BK	4.0	1	4.2±0.2	48
B1652101020002400BK	6.0	1	4.7±0.2	68
B1652101021002400BK	10	1	6.0±0.2	116
B1652101022002400BK	16	1	7.0±0.2	170

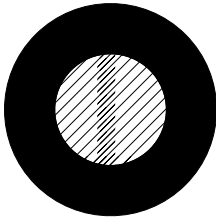
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1652101023002400BK	25	1	8.7±0.2	264
B1652101024002400BK	35	1	9.8±0.2	359
B1755101016002400BK	1.5	1	3.0±0.16	21
B1755101018002400BK	2.5	1	3.7±0.16	33
B1755101019002400BK	4	1	4.2±0.2	48
B1755101020002400BK	6	1	4.8±0.2	68
B1755101021002400BK	10	1	6.5±0.2	119
B1755101022002400BK	16	1	7.7±0.2	173
B1755101023002400BK	25	1	9.6±0.2	269
B1755101024002400BK	35	1	10.9±0.2	365

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(H)05V2-U, (H)05V2-R, (H)05V2-K



cross section



Application Range

- Suitable for fixed installation inside electrical equipment or inside and outside lighting devices,
- as well as for internal wiring of electrical equipment, such as lighting and heating equipment, under protected conditions

Product Structure

- Conductor:
(H)05V2-U: Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
(H)05V2-R: Fine-wired copper conductor of bare copper solid/strands in line with conductor DIN VDE 0295 cl-2
(H)05V-K: Fine-wired copper conductor of bare copper strandsFine wire strands according to VDE 0295 Cl5
- Core insulation: Based on PVC T13
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity:
(H)05V-U: DIN VDE 0295 cl-1
(H)05V-R: DIN VDE 0295 cl-2
(H)05V-K: DIN VDE 0295 Cl5

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1831101012002400BK	0.5	1	2.0±0.1	9
B1831101013002400BK	0.75	1	2.2±0.16	12
B1831101014002400BK	1	1	2.3±0.16	14
B1932101012002400BK	0.5	1	2.1±0.16	9
B1932101013002400BK	0.75	1	2.3±0.16	12

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Technical Data

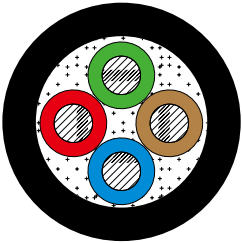
- ⚡ **Rated Voltage**
 - U0/U : 300/500V
- 📏 **Minimum bending radius**
 - (H)05V2-U:
Fixed installation: 20D(Cable O.D.)
 - (H)05V2-R:
Fixed installation: 15D(Cable O.D.)
 - (H)05V2-K:
Fixed installation: 6D(Cable O.D.)
Flexing: 13D (Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -5° C to +90° C
 - Fixed installation: -5° C to +90° C
- 🔥 **Flammability**
 - Flame-retardant according IEC 60332.1*

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B1932101014002400BK	1.0	1	2.5±0.16	15
B2035101012002400BK	0.5	1	2.1±0.16	9
B2035101013002400BK	0.75	1	2.3±0.16	12
B2035101014002400BK	1.0	1	2.5±0.16	14

(H)05VV5-F



cross section



Application Range

- Cables are mainly used for internal connections between various components of manufacturing and processing machines, including machine tools and lifting and transportation equipment.
- It is recommended to use shielded cables for situations with moderate levels of electromagnetic interference

Product Structure

- Conductor :
Fine-wired copper conductor of bare copper solid in line with conductor
- Core insulation:
Based on PVC TI2
- Outer sheath: PVC TM5
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl-1
- Insulation Conformity: DIN VDE 0281
- Sheath Conformity: DIN VDE 0281

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2135102012001406BK	0.5	2	5.7±0.4	42
B2135102013001406BK	0.75	2	6.3±0.4	52
B2135102014001406BK	1	2	6.7±0.4	59
B2135102016001406BK	1.5	2	7.7±0.4	82
B2135102018001406BK	2.5	2	9.3±0.6	117
B2135103012001406BK	0.5	3	6.0±0.4	45
B2135103013001406BK	0.75	3	6.7±0.4	60
B2135103014001406BK	1	3	7.1±0.4	69
B2135103016001406BK	1.5	3	8.4±0.6	102
B2135103018001406BK	2.5	3	10.1±0.6	154

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2135104012001406BK	0.5	4	6.8±0.4	65
B2135104013001406BK	0.75	4	7.3±0.4	75
B2135104014001406BK	1	4	7.7±0.4	88
B2135104016001406BK	1.5	4	9.1±0.6	128
B2135104018001406BK	2.5	4	11.2±0.6	199
B2135105012001406BK	0.5	5	7.4±0.4	73
B2135105013001406BK	0.75	5	8.1±0.6	94
B2135105014001406BK	1	5	8.7±0.6	113
B2135105016001406BK	1.5	5	10.2±0.6	157
B2135105018001406BK	2.5	5	12.3±0.6	242

Technical Data

- ⚡ **Rated Voltage**
 - U0/U : 300/500V
- 📏 **Minimum bending radius**
 - Fixed installation: 13D(Cable O.D.)
 - Flexing: 6D (Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -5° C to +70° C
 - Fixed installation: -10° C to +70° C
- 🔥 **Flammability**
 - Flame-retardant according IEC 60332.1
- 🧪 **Good chemical resistance**
 - Chemical resistance,
 - oil resistance,
 - cold resistance,
 - acid resistance,
 - alkali resistance,
 - solvent resistance, etc. (optional)

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
B2135106012001406BK	0.5	6	8.2±0.6	91
B2135106013001406BK	0.75	6	8.8±0.6	111
B2135106014001406BK	1	6	9.6±0.6	135
B2135106016001406BK	1.5	6	11.3±0.6	196
B2135106018001406BK	2.5	6	13.6±0.6	292
B2135107012001406BK	0.5	7	8.8±0.6	102
B2135107013001406BK	0.75	7	9.7±0.6	131
B2135107014001406BK	1	7	10.4±0.6	152
B2135107016001406BK	1.5	7	12.4±0.6	224
B2135107018001406BK	2.5	7	14.9±0.6	338
B2135112012001406BK	0.5	12	11.0±0.6	156
B2135112013001406BK	0.75	12	11.9±0.6	197
B2135112014001406BK	1	12	12.9±0.6	240
B2135112016001406BK	1.5	12	15.2±0.8	341
B2135112018001406BK	2.5	12	18.5±0.8	533
B2135118012001406BK	0.5	18	13.0±0.6	228
B2135118013001406BK	0.75	18	14.2±0.8	293
B2135118014001406BK	1	18	15.2±0.8	350
B2135118016001406BK	1.5	18	18.1±0.8	507
B2135118018001406BK	2.5	18	22.2±1.0	804

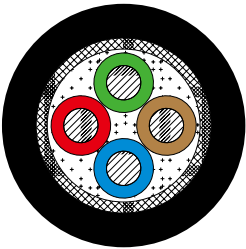
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
B2135127012001406BK	0.5	27	15.8±0.8	335
B2135127013001406BK	0.75	27	17.3±0.8	432
B2135127014001406BK	1	27	18.5±0.8	517
B2135127016001406BK	1.5	27	22.2±1.0	756
B2135127018001406BK	2.5	27	27.1±1.2	1175
B2135136012001406BK	0.5	36	17.8±0.8	438
B2135136013001406BK	0.75	36	19.4±0.8	565
B2135136014001406BK	1	36	21.0±1.0	687
B2135136016001406BK	1.5	36	25.1±1.2	1001
B2135136018001406BK	2.5	36	30.6±1.4	1554
B2135148012001406BK	0.5	48	20.6±1.0	577
B2135148013001406BK	0.75	48	22.5±1.0	745
B2135148014001406BK	1	48	24.3±1.0	906
B2135148016001406BK	1.5	48	29.0±1.2	1313
B2135148018001406BK	2.5	48	35.1±1.6	2018
B2135160012001406BK	0.5	60	23.6±1.0	712
B2135160013001406BK	0.75	60	24.8±1.2	930
B2135160014001406BK	1	60	26.8±1.2	1129
B2135160016001406BK	1.5	60	31.9±1.4	1633
B2135160018001406BK	2.5	60	38.2±1.6	2475

(H)05VVC4V5-K



cross section



Application Range

- Cables are mainly used for internal connections between various components of manufacturing and processing machines, including machine tools and lifting and transportation equipment.
- Recommended shielded cables for applications with moderate levels of electromagnetic interference

Product Structure

- Conductor: Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
- Core insulation: PVC TI2
- Outer sheath: PVC TM5
- Color of core and sheath: as per customer's requirement"
- Material of core and sheath: as per customer's requirement"

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl-1
- Insulation Conformity: DIN VDE 0281
- Sheath Conformity: DIN VDE 0281

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

- ⚡ **Rated Voltage**
 - U0/U : 300/500V
- 📏 **Minimum bending radius**
 - Fixed installation: 6D(Cable O.D.)
 - Flexing: 13D (Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -5° C to +70° C
 - Fixed installation: -10° C to +70° C
- 🔥 **Flammability**
 - Flame-retardant according IEC 60332.1
- 🧪 **Good chemical resistance**
 - Chemical resistance,
 - oil resistance,
 - cold resistance,
 - acid resistance,
 - alkali resistance,
 - solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2135102012001406BK	0.5	2	7.9±0.6	71
B2135102013001406BK	0.75	2	8.3±0.6	80
B2135102014001406BK	1	2	8.7±0.6	89
B2135102016001406BK	1.5	2	9.9±0.6	120
B2135102018001406BK	2.5	2	11.6±0.6	163
B2135103012001406BK	0.5	3	8.2±0.6	76
B2135103013001406BK	0.75	3	8.7±0.6	89
B2135103014001406BK	1	3	9.3±0.6	105
B2135103016001406BK	1.5	3	10.5±0.6	138
B2135103018001406BK	2.5	3	12.1±0.6	194

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2235104012011406BK	0.5	4	8.8±0.6	91
B2235104013011406BK	0.75	4	9.5±0.6	112
B2235104014011406BK	1	4	9.9±0.6	126
B2235104016011406BK	1.5	4	11.4±0.6	169
B2235104018011406BK	2.5	4	13.4±0.6	251
B2235105012011406BK	0.5	5	9.6±0.6	110
B2235105013011406BK	0.75	5	10.1±0.6	129
B2235105014011406BK	1	5	11.0±0.6	155
B2235105016011406BK	1.5	5	12.6±0.6	212
B2235105018011406BK	2.5	5	14.7±0.8	309

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
B2235106012011406BK	0.5	6	10.2±0.6	126
B2235106013011406BK	0.75	6	11.1±0.6	154
B2235106014011406BK	1	6	11.7±0.6	176
B2235106016011406BK	1.5	6	13.5±0.6	245
B2235106018011406BK	2.5	6	16.1±0.8	361
B2235107012011406BK	0.5	7	11.1±0.6	146
B2235107013011406BK	0.75	7	12.0±0.6	178
B2235107014011406BK	1	7	12.8±0.6	209
B2235107016011406BK	1.5	7	14.6±0.6	282
B2235107018011406BK	2.5	7	17.4±0.8	415
B2235112012011406BK	0.5	12	13.4±0.8	216
B2235112013011406BK	0.75	12	14.3±0.8	261
B2235112014011406BK	1	12	15.3±0.8	310
B2235112016011406BK	1.5	12	17.7±0.8	423
B2235112018011406BK	2.5	12	21.3±1.0	638
B2235118012011406BK	0.5	18	15.2±0.8	291
B2235118013011406BK	0.75	18	16.7±0.8	371
B2235118014011406BK	1	18	17.7±0.8	432
B2235118016011406BK	1.5	18	20.7±1.0	606
B2235118018011406BK	2.5	18	25.2±1.2	929

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Part no.	Cross-sec. (mm ²)	No. of cores	O.D. approx. (mm)	Weight approx. (kg/km)
B2235127012011406BK	0.5	27	18.3±0.8	416
B2235127013011406BK	0.75	27	20.1±1.0	531
B2235127014011406BK	1	27	21.3±1.0	622
B2235127016011406BK	1.5	27	25.2±1.2	882
B2235127018011406BK	2.5	27	30.5±1.4	1344
B2235136012011406BK	0.5	36	20.6±1.0	539
B2235136013011406BK	0.75	36	22.2±1.0	674
B2235136014011406BK	1	36	24.0±1.0	807
B2235136016011406BK	1.5	36	28.3±1.2	1155
B2235136018011406BK	2.5	36	34.0±1.4	1741
B2235148012011406BK	0.5	48	23.6±1.0	695
B2235148013011406BK	0.75	48	25.9±1.2	896
B2235148014011406BK	1	48	27.5±1.2	1055
B2235148016011406BK	1.5	48	32.6±1.4	1506
B2235148018011406BK	2.5	48	38.5±1.6	2230
B2235160012011406BK	0.5	60	26.0±1.2	864
B2235160013011406BK	0.75	60	28.0±1.2	1082
B2235160014011406BK	1	60	30.2±1.4	1295
B2235160016011406BK	1.5	60	35.1±1.6	1811
B2235160018011406BK	2.5	60	41.6±1.8	2703

(H)03Z1Z1-F、(H)03Z1Z1H2-F
(H)05Z1Z1-F、(H)05Z1Z1H2-F



Application Range

- Suitable for low smoke and halogen-free environments under fire conditions,
- suitable for use in kitchens,
- offices,
- and indoor humid environments

Product Structure

- Conductor:
Fine-wired copper conductor of bare copper in line with conductor DIN VDE 0295 cl-1
- Insulation: Thermoplastic mixture TI6
- Outer sheath:
Halogen-free thermoplastic mixture TM7
- Color of core and sheath:
as per customer's requirement
- Material of core and sheath:
as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity: DIN VDE 0295 cl-1

Properties

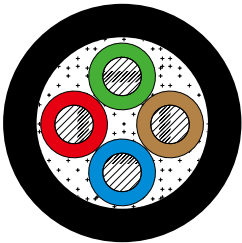
- Characteristic:
The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2425102338000504BK	0.5 (oblate)	2	(3.1×5.0)±0.4	25
B2325102012000504BK	0.5	2	5.1±0.4	23
B2425102339000504BK	0.75 (oblate)	2	(3.3×5.4)±0.4	32
B2325102013000504BK	0.75	2	5.5±0.4	29
B2325103012000504BK	0.5	3	5.4±0.4	31
B2325103013000504BK	0.75	3	5.8±0.4	40
B2325104012000504BK	0.5	4	5.9±0.4	46
B2325104013000504BK	0.75	4	6.4±0.4	59
B2635102339000504BK	0.75 (oblate)	2	(3.9×6.2)±0.4	39
B2535102013000504BK	0.75	2	6.3±0.4	35
B2635102340000504BK	1.0 (oblate)	2	(4.1×6.6)±0.4	46
B2535102014000504BK	1	2	6.7±0.4	41
B2535102016000504BK	1.5	2	7.7±0.4	57

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2535102018000504BK	2.5	2	9.5±0.4	89
B2535103013000504BK	0.75	3	6.7±0.4	47
B2535103014000504BK	1	3	7.1±0.4	55
B2535103016000504BK	1.5	3	8.4±0.6	80
B2535103018000504BK	2.5	3	10.1±0.6	122
B2535104013000504BK	0.75	4	7.3±0.4	58
B2535104014000504BK	1	4	7.9±0.4	71
B2535104016000504BK	1.5	4	9.3±0.6	103
B2535104018000504BK	2.5	4	11.2±0.6	157
B2535105013000504BK	0.75	5	8.1±0.6	88
B2535105014000504BK	1	5	8.7±0.6	103
B2535105016000504BK	1.5	5	10.4±0.6	152
B2535105018000504BK	2.5	5	12.5±0.6	228

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

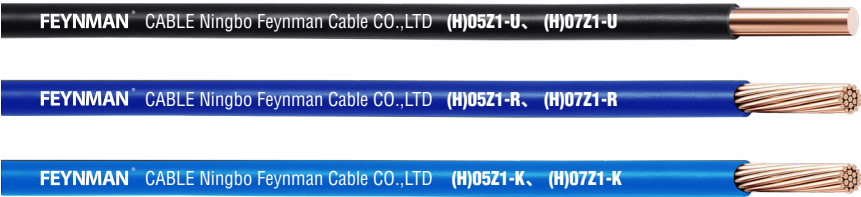
cross section



Technical Data

- Rated Voltage**
 - ≤ 0.5mm², 300/300V
 - > 0.5mm², 300/500V
- Minimum bending radius**
 - Flexing: 13D (Cable O.D.)
 - Fixed installation: 6D(Cable O.D.)
- Temperature Range**
 - Flexing: -5° C to +70° C
 - Fixed installation: -5° C to +70° C
- Flammability**
 - Flame-retardant according IEC 60332.1

(H)05Z1-U、(H)05Z1-R、(H)05Z1-K
(H)07Z1-U、(H)07Z1-R、(H)07Z1-K



Application Range

- Used for internal wiring of equipment with a working temperature of 70 °C ,
- suitable for use in public places where smoke and toxic gases may pose a threat to life and damage equipment

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity:
(H)07Z1-U、(H)05Z1-U:
DIN VDE 0295 cl-1
(H)07Z1-R、(H)05Z1-R:
DIN VDE 0295 cl-2
(H)07Z1-K、(H)05Z1-K:
DIN VDE 0295

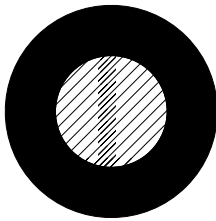
Product Structure

- Conductor :
(H)07Z1-U、(H)05Z1-U:
Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
(H)07Z1-R、(H)05Z1-R:
Fine-wired copper conductor of bare copper solid/strands in line with conductor DIN VDE 0295 cl-2
(H)07Z1-K、(H)05Z1-K:
Fine-wired copper conductor of bare copper strands in line with conductor DIN VDE 0295
- Core insulation:
Thermoplastic mixture T17
- Color of core and sheath:
as per customer's requirement
- Material of core and sheath:
as per customer's requirement

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

cross section



Technical Data

- Rated Voltage**
 - ≤ 1.0mm², 300/500V
 - > 1.0mm², 450/750V
- Minimum bending radius**
 - (H)07Z1-U、(H)05Z1-U:
Fixed installation: 20D(Cable O.D.)
 - (H)07Z1-R、(H)05Z1-R:
Fixed installation: 15D(Cable O.D.)
 - (H)07Z1-K、(H)05Z1-K:
Fixed installation: 6D(Cable O.D.)
Flexing: 13D (Cable O.D.)
- Temperature Range**
 - Flexing: -5° C to +70° C
 - Fixed installation: -10° C to +70° C
- Flammability**
 - Flame-retardant according IEC 60332.1

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B3031101012000500BK	0.5	1	2.0±0.1	9
B3031101013000500BK	0.75	1	2.2±0.16	12
B3031101014000500BK	1	1	2.3±0.16	14
B2751101016000500BK	1.5	1	2.8±0.16	21
B2751101018000500BK	2.5	1	3.4±0.16	32
B2751101019000500BK	4	1	3.82±0.16	47
B2751101020000500BK	6	1	4.3±0.2	67
B3132101012000500BK	0.5	1	2.1±0.16	9
B3132101013000500BK	0.75	1	2.3±0.16	12
B3132101014000500BK	1.0	1	2.5±0.16	15
B2852101016000500BK	1.5	1	3.0±0.16	21

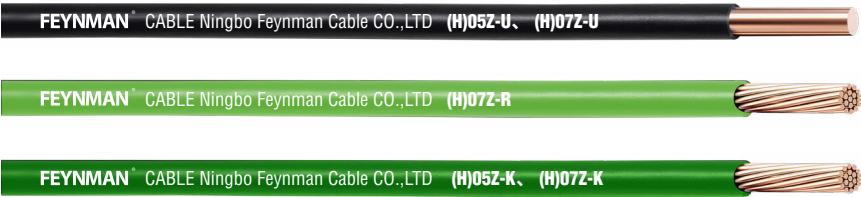
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2852101018000500BK	2.5	1	3.6±0.16	33
B2852101019000500BK	4.0	1	4.2±0.2	48
B2852101020000500BK	6.0	1	4.7±0.2	68
B2852101021000500BK	10	1	6.0±0.2	112
B2852101022000500BK	16	1	7.0±0.2	170
B2852101023000500BK	25	1	8.7±0.2	270
B2852101024000500BK	35	1	9.8±0.2	359
B2852101025000500BK	50	1	11.6±0.2	495
B2852101026000500BK	70	1	13.3±0.2	690
B2852101027000500BK	95	1	15.6±0.2	948
B2852101028000500BK	120	1	17.1±0.2	1185

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2852101029000500BK	150	1	19.1±0.2	1466
B2852101030000500BK	185	1	21.3±0.2	1833
B2852101031000500BK	240	1	24.3±0.2	2408
B2852101032000500BK	300	1	27.0±0.2	3004
B3235101012000500BK	0.5	1	2.1±0.16	9
B3235101013000500BK	0.75	1	2.3±0.16	12
B3235101014000500BK	1	1	2.5±0.16	14
B2955101016000500BK	1.5	1	3.0±0.16	21
B2955101018000500BK	2.5	1	3.7±0.16	33
B2955101019000500BK	4	1	4.2±0.2	48
B2955101020000500BK	6	1	4.8±0.2	68

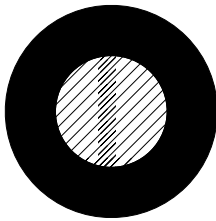
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B2955101021000500BK	10	1	6.5±0.2	120
B2955101022000500BK	16	1	7.7±0.2	177
B2955101023000500BK	25	1	9.6±0.2	274
B2955101024000500BK	35	1	10.9±0.2	369
B2955101025000500BK	50	1	13.1±0.2	530
B2955101026000500BK	70	1	15.0±0.2	724
B2955101027000500BK	95	1	19.9±0.2	971
B2955101028000500BK	120	1	19.9±0.2	1215
B2955101029000500BK	150	1	22.3±0.2	1516
B2955101030000500BK	185	1	24.5±0.2	1855
B2955101031000500BK	240	1	27.8±0.2	2421

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(H)07Z-U、(H)07Z-R、(H)07Z-K、
(H)05Z-U、(H)05Z-K



cross section



Application Range

- Used for internal wiring of equipment with a working temperature of 90 °C ,
- suitable for use in public places where smoke and toxic gases may pose a threat to life and damage equipment

Product Structure

- Conductor :
(H)07Z-U、(H)05Z-U:
Fine-wired copper conductor of bare copper solid in line with conductor DIN VDE 0295 cl-1
(H)07Z-R:
Fine-wired copper conductor of bare copper solid/strands in line with conductor DIN VDE 0295
(H)07Z-K、(H)05Z-K:
Fine-wired copper conductor of bare copper strands in line with conductor DIN VDE 0295
- Core insulation:
cross-linked polyolefin EI5 insulation
- Color of core and sheath:
as per customer's requirement
- Material of core and sheath:
as per customer's requirement

Standards/Certification

- Norm Reference: EN 50525
- Conductor Conformity:
(H)07Z-U、(H)05Z-U:
DIN VDE 0295 cl-1
(H)07Z-R:
DIN VDE 0295
(H)07Z-K、H05Z-K:
DIN VDE 0295

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

Technical Data



Rated Voltage

- ≤ 1.0mm², 300/500V
- > 1.0mm², 450/750V



Minimum bending radius

- (H)07Z-U、(H)05Z-U:
Fixed installation: 20D(Cable O.D.)
- (H)07Z-R:
Fixed installation: 15D(Cable O.D.)
- (H)07Z-K、(H)05Z-K:
Fixed installation: 6D(Cable O.D.)
Flexing: 13D (Cable O.D.)



Temperature Range

- Flexing: -5° C to +90° C
- Fixed installation: -10° C to +90° C



Flammability

- Flame-retardant according IEC 60332.1

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B3631101012000900BK	0.5	1	2.0±0.1	9
B3631101013000900BK	0.75	1	2.2±0.16	12
B3631101014000900BK	1.0	1	2.3±0.16	14
B3351101016000900BK	1.5	1	2.8±0.16	21
B3351101018000900BK	2.5	1	3.4±0.16	32
B3351101019000900BK	4	1	3.9±0.16	47
B3351101020000900BK	6	1	4.4±0.2	67
B3452101016000900BK	1.5	1	3.0±0.16	21
B3452101018000900BK	2.5	1	3.6±0.16	33
B3452101019000900BK	4.0	1	4.2±0.2	48
B3452101020000900BK	6.0	1	4.7±0.2	68

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B3452101021000900BK	10	1	6.0±0.2	112
B3452101022000900BK	16	1	7.0±0.2	170
B3452101023000900BK	25	1	8.7±0.2	264
B3452101024000900BK	35	1	9.8±0.2	359
B3452101025000900BK	50	1	11.7±0.2	510
B3452101026000900BK	70	1	13.4±0.2	699
B3452101027000900BK	95	1	15.7±0.2	948
B3452101028000900BK	120	1	17.2±0.2	1181
B3452101029000900BK	150	1	19.2±0.2	1476
B3452101030000900BK	185	1	21.4±0.2	1822
B3452101031000900BK	240	1	24.4±0.2	2356

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B3452101032000900BK	300	1	27.1±0.2	2938
B3735101012000900BK	0.5	1	2.1±0.16	9
B3735101013000900BK	0.75	1	2.3±0.16	12
B3735101014000900BK	1	1	2.5±0.16	14
B3555101016000900BK	1.5	1	3.0±0.16	21
B3555101018000900BK	2.5	1	3.7±0.16	33
B3555101019000900BK	4	1	4.2±0.2	48
B3555101020000900BK	6	1	4.8±0.2	68
B3555101021000900BK	10	1	6.5±0.2	114
B3555101022000900BK	16	1	7.7±0.2	173

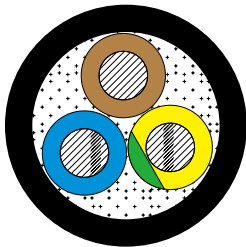
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
B3555101023000900BK	25	1	9.6±0.2	269
B3555101024000900BK	35	1	10.9±0.2	365
B3555101025000900BK	50	1	13.1±0.2	520
B3555101026000900BK	70	1	15.0±0.2	710
B3555101027000900BK	95	1	17.8±0.2	963
B3555101028000900BK	120	1	19.8±0.2	1200
B3555101029000900BK	150	1	22.1±0.2	1500
B3555101030000900BK	185	1	24.3±0.2	1848
B3555101031000900BK	240	1	27.6±0.2	2389

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YSLY EU Standard Unsheilded Control Cable



cross section



Application Range

- Suitable for the internal connection between various components of manufacturing and processing machines, including machine tools and lifting and transportation equipment.
- In control units with bending requirements, continuous bending can move freely without tension and forced motion in a drag chain system.

Product Structure

- Conductor: Bare flexible copper stranded conductor
- Insulation material: PVC/D
- Sheath: PVC/ST9 PVC
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5023 HD21.13
- Conductor Conformity: GB/T 3956

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data



Rated Voltage

- U0/U : 300/500V



Minimum bending radius

- Flexing: 6D(Cable O.D.)
- Fixed installation: 13D(Cable O.D.)



Oil resistance test

- Passed ASTM standard
- Passed GB/T2951.5 test



Temperature Range

- Flexing: -10° C to +70° C
- Fixed installation: -5° C to +70° C



Flammability

- Flame-retardant according IEC 60332.1



Good chemical resistance

- Good oil resistance,
- Cold resistance,
- Acid and Alkali resistance
- Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0135102008001406BK	0.3	2	5±0.4	32.98
J0135102011001406BK	0.4	2	5.2±0.4	36.96
J0135102012001406BK	0.5	2	5.8±0.4	45.81
J0135102013001406BK	0.75	2	6.2±0.4	55.22
J0135102019001406BK	4	2	10.6±0.6	186.75
J0135102020001406BK	6	2	12±0.6	251.46
J0135103008001406BK	0.3	3	5.3±0.4	38.85
J0135103011001406BK	0.4	3	5.5±0.4	44.03
J0135103012001406BK	0.5	3	6.1±0.4	54.8
J0135103013001406BK	0.75	3	6.8±0.4	70.13
J0135103019001406BK	4	3	11.4±0.6	240.79
J0135103020001406BK	6	3	12.9±0.6	326.28
J0135104008001406BK	0.3	4	5.7±0.4	46.07
J0135104011001406BK	0.4	4	5.9±0.4	52.59
J0135104012001406BK	0.5	4	6.9±0.4	68.75
J0135104013001406BK	0.75	4	7.4±0.4	84.45

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0135104019001406BK	4	4	12.7±0.6	302.4
J0135105008001406BK	0.3	5	6.4±0.4	56.49
J0135105011001406BK	0.4	5	6.7±0.4	64.49
J0135105012001406BK	0.5	5	7.5±0.4	80.34
J0135105013001406BK	0.75	5	8.2±0.6	103.02
J0135105019001406BK	4	5	14.1±0.8	366.84
J0135106008001406BK	0.3	6	6.9±0.4	64.45
J0135106011001406BK	0.4	6	7.2±0.4	73.85
J0135106012001406BK	0.5	6	8.3±0.6	95.94
J0135106013001406BK	0.75	6	8.9±0.6	118.52
J0135106019001406BK	4	6	15.4±0.8	426.37
J0135107008001406BK	0.3	7	6.9±0.4	64.45
J0135107011001406BK	0.4	7	7.2±0.4	73.85
J0135107012001406BK	0.5	7	8.3±0.6	95.94
J0135107013001406BK	0.75	7	8.9±0.6	118.52
J0135107019001406BK	4	7	15.4±0.8	426.37

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0135108008001406BK	0.3	8	7.4±0.4	72.42
J0135108011001406BK	0.4	8	7.9±0.4	86.77
J0135108012001406BK	0.5	8	8.9±0.6	108.08
J0135108013001406BK	0.75	8	9.8±0.6	138.42
J0135108019001406BK	4	8	16.9±0.8	493.53
J0135109008001406BK	0.3	9	8.3±0.6	85.47
J0135109011001406BK	0.4	9	8.7±0.6	97.93
J0135109012001406BK	0.5	9	10±0.6	126.69
J0135109013001406BK	0.75	9	10.7±0.6	156.59
J0135109019001406BK	4	9	18.9±0.8	577.59
J0135110008001406BK	0.3	10	8.8±0.6	100.81
J0135110011001406BK	0.4	10	9.4±0.6	120.34
J0135110012001406BK	0.5	10	10.8±0.6	155.21
J0135110013001406BK	0.75	10	11.6±0.6	192.3
J0135110019001406BK	4	10	20.4±1	707.23
J0135111008001406BK	0.3	11	9.3±0.6	112.72
J0135111011001406BK	0.4	11	9.7±0.6	129.61
J0135111012001406BK	0.5	11	11.1±0.6	167.26
J0135111013001406BK	0.75	11	12±0.6	207.79
J0135111019001406BK	4	11	21±1	768.01
J0135112008001406BK	0.3	12	9.3±0.6	116.62
J0135112011001406BK	0.4	12	9.7±0.6	134.54
J0135112012001406BK	0.5	12	11.1±0.6	173.52
J0135112013001406BK	0.75	12	12±0.6	216.53
J0135112019001406BK	4	12	21±1	807.45
J0135113008001406BK	0.3	13	9.7±0.6	126.07
J0135113011001406BK	0.4	13	10.1±0.6	145.55
J0135113012001406BK	0.5	13	11.7±0.6	187.86
J0135113013001406BK	0.75	13	12.8±0.6	240.39
J0135113019001406BK	4	13	22.3±1	886.27
J0135114008001406BK	0.3	14	9.7±0.6	129.97
J0135114011001406BK	0.4	14	10.1±0.6	150.47
J0135114012001406BK	0.5	14	11.7±0.6	194.12
J0135114013001406BK	0.75	14	12.8±0.6	249.13
J0135114019001406BK	4	14	22.3±1	925.71
J0135115008001406BK	0.3	15	10.2±0.6	139.81
J0135115011001406BK	0.4	15	10.9±0.6	166.81
J0135115012001406BK	0.5	15	12.5±0.6	214.65
J0135115013001406BK	0.75	15	13.4±0.6	268.17
J0135115019001406BK	4	15	23.7±1	1007.66
J0135116008001406BK	0.3	16	10.2±0.6	143.71
J0135116011001406BK	0.4	16	10.9±0.6	171.74
J0135116012001406BK	0.5	16	12.5±0.6	220.91
J0135116013001406BK	0.75	16	13.4±0.6	276.9
J0135116019001406BK	4	16	23.7±1	1047.1
J0135117008001406BK	0.3	17	10.9±0.6	158.68
J0135117011001406BK	0.4	17	11.4±0.6	183.65
J0135117012001406BK	0.5	17	13.1±0.6	236.4
J0135117013001406BK	0.75	17	14.3±0.8	302.77
J0135117019001406BK	4	17	25.2±1.2	1131.36
J0135118008001406BK	0.3	18	10.9±0.6	162.58
J0135118011001406BK	0.4	18	11.4±0.6	188.58
J0135118012001406BK	0.5	18	13.1±0.6	242.66
J0135118013001406BK	0.75	18	14.3±0.8	311.51
J0135118019001406BK	4	18	25.2±1.2	1170.8

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0135119008001406BK	0.3	19	10.9±0.6	162.58
J0135119011001406BK	0.4	19	11.4±0.6	188.58
J0135119012001406BK	0.5	19	13.1±0.6	242.66
J0135119013001406BK	0.75	19	14.3±0.8	311.51
J0135119019001406BK	4	19	25.2±1.2	1170.8
J0135120008001406BK	0.3	20	11.2±0.6	168.92
J0135120011001406BK	0.4	20	11.7±0.6	196.16
J0135120012001406BK	0.5	20	13.6±0.6	258.54
J0135120013001406BK	0.75	20	14.7±0.8	324.36
J0135120019001406BK	4	20	26±1.2	1234.43
J0135121008001406BK	0.3	21	11.4±0.6	176.77
J0135121011001406BK	0.4	21	12.1±0.6	210.91
J0135121012001406BK	0.5	21	13.9±0.6	270.7
J0135121013001406BK	0.75	21	15±0.8	339.96
J0135121019001406BK	4	21	26.7±1.2	1295.73
J0135122008001406BK	0.3	22	12.3±0.6	194.19
J0135122011001406BK	0.4	22	12.9±0.6	224.87
J0135122012001406BK	0.5	22	15±0.8	295.59
J0135122013001406BK	0.75	22	16.1±0.8	369.64
J0135122019001406BK	4	22	28.5±1.2	1390.88
J0135123008001406BK	0.3	23	12.8±0.6	210.2
J0135123011001406BK	0.4	23	13.6±0.6	249.89
J0135123012001406BK	0.5	23	15.6±0.8	320.34
J0135123013001406BK	0.75	23	17±0.8	409
J0135123019001406BK	4	23	30±1.2	1528.06
J0135124008001406BK	0.3	24	12.8±0.6	214.1
J0135124011001406BK	0.4	24	13.6±0.6	254.81
J0135124012001406BK	0.5	24	15.6±0.8	326.6
J0135124013001406BK	0.75	24	17±0.8	417.74
J0135124019001406BK	4	24	30±1.2	1567.5
J0135125008001406BK	0.3	25	13.3±0.6	228.17
J0135125011001406BK	0.4	25	13.9±0.6	264.45
J0135125012001406BK	0.5	25	15.9±0.8	339.07
J0135125013001406BK	0.75	25	17.4±0.8	433.84
J0135125019001406BK	4	25	30.6±1.4	1629.91
J0135126008001406BK	0.3	26	13.3±0.6	233.69
J0135126011001406BK	0.4	26	13.9±0.6	271.19
J0135126012001406BK	0.5	26	15.9±0.8	347.81
J0135126013001406BK	0.75	26	17.4±0.8	445.54
J0135126019001406BK	4	26	30.6±1.4	1679.2
J0135127008001406BK	0.3	27	13.3±0.6	237.59
J0135127011001406BK	0.4	27	13.9±0.6	276.12
J0135127012001406BK	0.5	27	15.9±0.8	354.07
J0135127013001406BK	0.75	27	17.4±0.8	454.28
J0135127019001406BK	4	27	30.6±1.4	1718.64
J0135128008001406BK	0.3	28	13.7±0.6	247.63
J0135128011001406BK	0.4	28	14.3±0.8	287.75
J0135128012001406BK	0.5	28	16.7±0.8	376.68
J0135128013001406BK	0.75	28	18±0.8	473.44
J0135128019001406BK	2.5	28	28.5±1.2	1306.51
J0135128019001406BK	4	28	31.7±1.4	1790.18
J0135129008001406BK	0.3	29	13.7±0.6	251.53
J0135129011001406BK	0.4	29	14.3±0.8	292.68
J0135129012001406BK	0.5	29	16.7±0.8	382.94
J0135129013001406BK	0.75	29	18±0.8	482.17

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0135129018001406BK	2.5	29	28.5±1.2	1332.84
J0135129019001406BK	4	29	31.7±1.4	1829.62
J0135130008001406BK	0.3	30	13.7±0.6	257.05
J0135130011001406BK	0.4	30	14.3±0.8	299.43
J0135130012001406BK	0.5	30	16.7±0.8	391.68
J0135130018001406BK	2.5	30	28.5±1.2	1366.83
J0135130019001406BK	4	30	31.7±1.4	1878.91
J0135131008001406BK	0.3	31	14.2±0.8	267.55
J0135131011001406BK	0.4	31	15.1±0.8	318.36
J0135131012001406BK	0.5	31	17.3±0.8	407.64
J0135131018001406BK	2.5	31	29.6±1.2	1421.21
J0135131019001406BK	4	31	32.9±1.4	1952.69
J0135132008001406BK	0.3	32	14.2±0.8	273.07
J0135132011001406BK	0.4	32	15.1±0.8	325.11
J0135132012001406BK	0.5	32	17.3±0.8	416.38
J0135132018001406BK	2.5	32	29.6±1.2	1455.2
J0135132019001406BK	4	32	32.9±1.4	2001.98
J0135133008001406BK	0.3	33	14.2±0.8	276.97
J0135133011001406BK	0.4	33	15.1±0.8	330.04

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0135133012001406BK	0.5	33	17.3±0.8	422.65
J0135133018001406BK	2.5	33	29.6±1.2	1481.53
J0135133019001406BK	4	33	32.9±1.4	2041.42
J0135134008001406BK	0.3	34	14.9±0.8	294.45
J0135134011001406BK	0.4	34	15.6±0.8	342.67
J0135134012001406BK	0.5	34	18.1±0.8	447.17
J0135134018001406BK	2.5	34	30.7±1.4	1536.91
J0135134019001406BK	4	34	34.2±1.4	2116.4
J0135135008001406BK	0.3	35	14.9±0.8	299.97
J0135135011001406BK	0.4	35	15.6±0.8	349.41
J0135135012001406BK	0.5	35	18.1±0.8	455.9
J0135135018001406BK	2.5	35	30.7±1.4	1570.9
J0135135019001406BK	4	35	34.2±1.4	2165.69
J0135136008001406BK	0.3	36	14.9±0.8	303.87
J0135136011001406BK	0.4	36	15.6±0.8	354.34
J0135136012001406BK	0.5	36	18.1±0.8	462.17
J0135136018001406BK	2.5	36	30.7±1.4	1597.23
J0135136019001406BK	4	36	34.2±1.4	2205.13

YSLCY Shielded EU Standard Control Cable



Application Range

- Suitable for internal connections of the machine. Allow the cable to be directly connected to the power cord.
- It is not recommended to use shielded cables for continuous bending situations.
- It can be used for occasional moving situations, such as machine tools, grinders, etc.

Standards/Certification

- Norm Reference: GB/T 5023 HD21.13
- Conductor Conformity: GB/T 3956

Product Structure

- Conductor: Bare flexible copper stranded conductor
- Insulation material: PVC/D
- Inner lining layer: polyester tape
- Braiding: Tin plated copper braided shielding layer
- Sheath: PVC/ST9 PVC
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

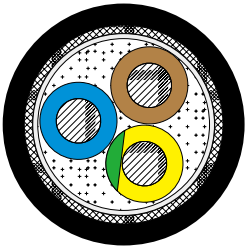
Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0235102008041406BK	0.3	2	5.5±0.4	39.59
J0235102011041406BK	0.4	2	5.7±0.4	43.32
J0235102017041406BK	2	2	9.3±0.6	123.03
J0235102018041406BK	2.5	2	10.1±0.6	144.69
J0235102019041406BK	4	2	11.4±0.6	196.57
J0235102020041406BK	6	2	12.5±0.6	245.06
J0235102021041406BK	10	2	16.4±0.8	402.18
J0235103008041406BK	0.3	3	5.7±0.4	46.4
J0235103011041406BK	0.4	3	6±0.4	51.47
J0235103017041406BK	2	3	10±0.6	158.42
J0235103018041406BK	2.5	3	10.7±0.6	183.55
J0235103019041406BK	4	3	12±0.6	249.05
J0235103020041406BK	6	3	13.4±0.6	323.81
J0235103021041406BK	10	3	17.6±0.8	528.2
J0235104008041406BK	0.3	4	6.2±0.4	55.18
J0235104011041406BK	0.4	4	6.6±0.4	64.61

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0235104017041406BK	2	4	11.2±0.6	205.44
J0235104018041406BK	2.5	4	11.9±0.6	233.97
J0235104019041406BK	4	4	13.2±0.6	307.17
J0235104020041406BK	6	4	14.9±0.8	414.08
J0235104021041406BK	10	4	19.6±0.8	687.97
J0235105008041406BK	0.3	5	6.9±0.4	65.67
J0235105011041406BK	0.4	5	7.1±0.4	76.14
J0235105017041406BK	2	5	12.1±0.6	241.76
J0235105018041406BK	2.5	5	13.1±0.6	280.47
J0235105019041406BK	4	5	14.6±0.8	378.37
J0235105020041406BK	6	5	16.5±0.8	512.06
J0235105021041406BK	10	5	21.8±1	852.64
J0235106008041406BK	0.3	6	7.4±0.4	75.11
J0235106011041406BK	0.4	6	7.9±0.4	88.91
J0235106017041406BK	2	6	13.3±0.6	279.06
J0235106018041406BK	2.5	6	14.4±0.8	325.89

cross section



Technical Data

- ⚡ **Rated Voltage**
 - U0/U : 300/500V
- 📏 **Minimum bending radius**
 - Flexing: 6D(Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- 🔥 **Oil resistance test**
 - Passed ASTM standard
 - Passed GB/T2951.5 test
- 🌡️ **Temperature Range**
 - Flexing: -10° C to +70° C
 - Fixed installation: -5° C to +70° C
- 🔪 **Flammability**
 - Flame-retardant according GB/T18380.12
- 🧪 **Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0235106019041406BK	4	6	16.2±0.8	447.81
J0235106020041406BK	6	6	18.2±0.8	601.36
J0235107008041406BK	0.3	7	7.4±0.4	74.29
J0235107011041406BK	0.4	7	7.9±0.4	87.27
J0235107016041406BK	1.5	7	12±0.6	217.33
J0235107017041406BK	2	7	13.3±0.6	273.72
J0235107018041406BK	2.5	7	14.4±0.8	318.91
J0235107019041406BK	4	7	16.2±0.8	439.6
J0235107020041406BK	6	7	18.2±0.8	589.46
J0235108008041406BK	0.3	8	8.1±0.6	87.67
J0235108011041406BK	0.4	8	8.4±0.6	98.7
J0235108016041406BK	1.5	8	13±0.6	250.38
J0235108017041406BK	2	8	14.5±0.8	322.86
J0235108018041406BK	2.5	8	15.5±0.8	367.93
J0235108019041406BK	4	8	17.6±0.8	517.13
J0235108020041406BK	6	8	19.9±0.8	706.59
J0235109008041406BK	0.3	9	8.8±0.6	99.26
J0235109016041406BK	1.5	9	14.4±0.8	291.31
J0235109017041406BK	2	9	16.1±0.8	383.2
J0235109018041406BK	2.5	9	17.4±0.8	444.94
J0235109019041406BK	4	9	19.6±0.8	612.78
J0235109020041406BK	6	9	22.2±1	828.34
J0235110008041406BK	0.3	10	9.5±0.6	118.12
J0235110016041406BK	1.5	10	15.3±0.8	343.4
J0235110017041406BK	2	10	17.4±0.8	458.32
J0235110018041406BK	2.5	10	18.8±0.8	533.37
J0235110019041406BK	4	10	21.1±1	736.45
J0235110020041406BK	6	10	24.1±1	1022.42
J0235111008041406BK	0.3	11	9.7±0.6	124.03
J0235111016041406BK	1.5	11	16±0.8	375.9
J0235111017041406BK	2	11	17.9±0.8	484.59
J0235111018041406BK	2.5	11	19.4±0.8	576.08
J0235111019041406BK	4	11	21.9±1	789.77
J0235111020041406BK	6	11	25±1.2	1098.32
J0235112008041406BK	0.3	12	9.7±0.6	129.61
J0235112016041406BK	1.5	12	16±0.8	397.41
J0235112017041406BK	2	12	17.9±0.8	513.74
J0235112018041406BK	2.5	12	19.4±0.8	610.4
J0235112019041406BK	4	12	21.9±1	839.54
J0235112020041406BK	6	12	25±1.2	1168.69
J0235113008041406BK	0.3	13	10.2±0.6	138.55
J0235113016041406BK	1.5	13	16.8±0.8	427.42
J0235113017041406BK	2	13	19.1±0.8	574.15
J0235113018041406BK	2.5	13	20.6±1	665.91
J0235113019041406BK	4	13	23.4±1	941.12
J0235113020041406BK	6	13	26.5±1.2	1270.73
J0235114008041406BK	0.3	14	10.2±0.6	144.12
J0235114016041406BK	1.5	14	16.8±0.8	448.93
J0235114017041406BK	2	14	19.1±0.8	603.31
J0235114018041406BK	2.5	14	20.6±1	700.23
J0235114019041406BK	4	14	23.4±1	990.89
J0235114020041406BK	6	14	26.5±1.2	1341.1
J0235115008041406BK	0.3	15	10.9±0.6	163.44
J0235115016041406BK	1.5	15	17.9±0.8	488.22
J0235115017041406BK	2	15	20.3±1	654.06

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0235115018041406BK	2.5	15	21.9±1	759.96
J0235115019041406BK	4	15	24.8±1	1071.26
J0235115020041406BK	6	15	28±1.2	1447.95
J0235116008041406BK	0.3	16	10.9±0.6	169.02
J0235116016041406BK	1.5	16	17.9±0.8	509.74
J0235116017041406BK	2	16	20.3±1	683.22
J0235116018041406BK	2.5	16	21.9±1	794.28
J0235116019041406BK	4	16	24.8±1	1121.03
J0235116020041406BK	6	16	28±1.2	1518.32
J0235117008041406BK	0.3	17	11.5±0.6	179.38
J0235117016041406BK	1.5	17	19.1±0.8	563.93
J0235117017041406BK	2	17	21.5±1	737.59
J0235117018041406BK	2.5	17	23.4±1	882.31
J0235117019041406BK	4	17	26.3±1.2	1205.12
J0235117020041406BK	6	17	29.9±1.2	1664.58
J0235118008041406BK	0.3	18	11.5±0.6	184.96
J0235118016041406BK	1.5	18	19.1±0.8	585.44
J0235118017041406BK	2	18	21.5±1	766.75
J0235118018041406BK	2.5	18	23.4±1	916.62
J0235118019041406BK	4	18	26.3±1.2	1254.89
J0235118020041406BK	6	18	29.9±1.2	1734.95
J0235119008041406BK	0.3	19	11.5±0.6	184.14
J0235119016041406BK	1.5	19	19.1±0.8	581.34
J0235119017041406BK	2	19	21.5±1	761.42
J0235119018041406BK	2.5	19	23.4±1	909.66
J0235119019041406BK	4	19	26.3±1.2	1246.69
J0235119020041406BK	6	19	29.9±1.2	1723.07
J0235120008041406BK	0.3	20	11.7±0.6	191.97
J0235120016041406BK	1.5	20	19.5±0.8	608.25
J0235120017041406BK	2	20	22±1	797.17
J0235120018041406BK	2.5	20	23.9±1	952.12
J0235120019041406BK	4	20	26.9±1.2	1306.29
J0235121008041406BK	0.3	21	12.2±0.6	205.94
J0235121016041406BK	1.5	21	20±0.8	638.65
J0235121017041406BK	2	21	22.7±1	847.77
J0235121018041406BK	2.5	21	24.7±1	1010.24
J0235121019041406BK	4	21	27.7±1.2	1385.5
J0235122008041406BK	0.3	22	12.8±0.6	213.21
J0235122016041406BK	1.5	22	21.4±1	686.48
J0235122017041406BK	2	22	24.5±1	937.55
J0235122018041406BK	2.5	22	26.4±1.2	1084.43
J0235122019041406BK	4	22	29.8±1.2	1515.04
J0235123008041406BK	0.3	23	13.5±0.6	234.38
J0235123016041406BK	1.5	23	22.5±1	750.8
J0235123017041406BK	2	23	25.7±1.2	1020.26
J0235123018041406BK	2.5	23	27.7±1.2	1180.97
J0235124008041406BK	0.3	24	13.5±0.6	239.96
J0235124016041406BK	1.5	24	22.5±1	772.31
J0235124017041406BK	2	24	25.7±1.2	1049.41
J0235124018041406BK	2.5	24	27.7±1.2	1215.28
J0235125008041406BK	0.3	25	13.7±0.6	246.2
J0235125016041406BK	1.5	25	23.3±1	828.6
J0235125017041406BK	2	25	26.2±1.2	1077.99
J0235125018041406BK	2.5	25	28.2±1.2	1247.46
J0235126008041406BK	0.3	26	13.7±0.6	251.74

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0235126016041406BK	1.5	26	23.3±1	849.99
J0235126017041406BK	2	26	26.2±1.2	1106.98
J0235126018041406BK	2.5	26	28.2±1.2	1281.59
J0235127008041406BK	0.3	27	13.7±0.6	257.32
J0235127016041406BK	1.5	27	23.3±1	871.5
J0235127017041406BK	2	27	26.2±1.2	1136.14
J0235127018041406BK	2.5	27	28.2±1.2	1315.9
J0235128008041406BK	0.3	28	14.2±0.8	266.82
J0235128016041406BK	1.5	28	24.1±1	904.72
J0235128017041406BK	2	28	27.3±1.2	1191.58
J0235128018041406BK	2.5	28	29.4±1.2	1379.04
J0235129008041406BK	0.3	29	14.2±0.8	272.4
J0235129016041406BK	1.5	29	24.1±1	926.23
J0235129017041406BK	2	29	27.3±1.2	1220.74
J0235129018041406BK	2.5	29	29.4±1.2	1413.35
J0235130008041406BK	0.3	30	14.2±0.8	277.95
J0235130016041406BK	1.5	30	24.1±1	947.62
J0235130017041406BK	2	30	27.3±1.2	1249.73
J0235130018041406BK	2.5	30	29.4±1.2	1447.48
J0235131008041406BK	0.3	31	14.9±0.8	294.98
J0235131016041406BK	1.5	31	25.2±1.2	993.78
J0235131017041406BK	2	31	28.5±1.2	1307.91
J0235131018041406BK	2.5	31	30.7±1.4	1536
J0235132008041406BK	0.3	32	14.9±0.8	300.53
J0235132016041406BK	1.5	32	25.2±1.2	1015.17
J0235132017041406BK	2	32	28.5±1.2	1336.9
J0235133008041406BK	0.3	33	14.9±0.8	306.11
J0235133016041406BK	1.5	33	25.2±1.2	1036.69
J0235133017041406BK	2	33	28.5±1.2	1366.06
J0235133018041406BK	2.5	33	30.7±1.4	1604.44
J0235134008041406BK	0.3	34	15.4±0.8	316.87
J0235134016041406BK	1.5	34	26.3±1.2	1085.18
J0235134017041406BK	2	34	29.5±1.2	1414.57
J0235134018041406BK	2.5	34	31.8±1.4	1660.9
J0235135008041406BK	0.3	35	15.4±0.8	322.41
J0235135016041406BK	1.5	35	26.3±1.2	1106.57
J0235135017041406BK	2	35	29.5±1.2	1443.56
J0235136008041406BK	0.3	36	15.4±0.8	327.99
J0235136016041406BK	1.5	36	26.3±1.2	1128.08
J0235136017041406BK	2	36	29.5±1.2	1472.72
J0235104112041406BK	0.75	2P	10.2±0.6	131.21
J0235104113041406BK	1	2P	11.2±0.6	160.72
J0235104354041406BK	1.5	2P	12.6±0.6	203.79

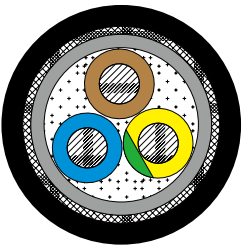
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0235106126041406BK	0.75	3P	11.1±0.6	157.27
J0235106127041406BK	1	3P	11.8±0.6	181.63
J0235106355041406BK	1.5	3P	13.3±0.6	233.93
J0235108140041406BK	0.75	4P	12.1±0.6	192.76
J0235108141041406BK	1	4P	13±0.6	224.12
J0235108538041406BK	1.5	4P	14.8±0.8	299.29
J0235110154041406BK	0.75	5P	13.3±0.6	230.9
J0235110155041406BK	1	5P	14.3±0.8	277.07
J0235110364041406BK	1.5	5P	16.4±0.8	375.57
J0235112168041406BK	0.75	6P	14.6±0.8	277.94
J0235112169041406BK	1	6P	15.8±0.8	331.73
J0235112365041406BK	1.5	6P	18±0.8	451
J0235114182041406BK	0.75	7P	14.6±0.8	267.26
J0235114183041406BK	1	7P	15.8±0.8	319.82
J0235114366041406BK	1.5	7P	18±0.8	434.58
J0235116196041406BK	0.75	8P	16±0.8	324.36
J0235116197041406BK	1	8P	17.3±0.8	387.78
J0235116367041406BK	1.5	8P	20±0.8	538.81
J0235118210041406BK	0.75	9P	17.7±0.8	382.09
J0235118211041406BK	1	9P	19.2±0.8	467.95
J0235118368041406BK	1.5	9P	22.1±1	630.02
J0235120224041406BK	0.75	10P	19.2±0.8	463.38
J0235120225041406BK	1	10P	20.7±1	551.33
J0235120369041406BK	1.5	10P	23.9±1	769.29
J0235122238041406BK	0.75	11P	19.9±0.8	490.90
J0235122239041406BK	1	11P	21.5±1	584.03
J0235122370041406BK	1.5	11P	24.8±1	814.65
J0235124252041406BK	0.75	12P	19.9±0.8	516.29
J0235124253041406BK	1	12P	21.5±1	615.51
J0235124371041406BK	1.5	12P	24.8±1	859.43
J0235126266041406BK	0.75	13P	20.9±1	555.06
J0235126267041406BK	1	13P	22.8±1	672.18
J0235126372041406BK	1.5	13P	26.3±1.2	937.41
J0235128279041406BK	0.5	14P	19.3±0.8	463.84
J0235128280041406BK	0.75	14P	20.9±1	580.44
J0235128281041406BK	1	14P	22.8±1	703.65
J0235128373041406BK	1.5	14P	26.3±1.2	982.19
J0235130293041406BK	0.5	15P	20.5±1	505.92
J0235130294041406BK	0.75	15P	22.2±1	632.11
J0235130295041406BK	1	15P	24.3±1	793.31
J0235132307041406BK	0.5	16P	20.5±1	524.88
J0235132308041406BK	0.75	16P	22.2±1	657.49
J0235132309041406BK	1	16P	24.3±1	824.78

YSLYCY Shielded Double Sheath EU Standard Control Cable



cross section



Application Range

- Suitable for internal connections of the machine. Allow the cable to be directly connected to the power cord.
- It is not recommended to use shielded cables for continuous bending situations.
- It can be used for occasional moving situations, such as machine tools, grinders, etc.

Product Structure

- Conductor: Bare flexible copper stranded conductor
- Insulation material: PVC/D
- Inner sheath: PVC/ST5 PVC
- Braiding: Tin plated copper braided shielding layer
- Outer sheath: PVC/ST9 PVC
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5023 HD21.13
- Conductor Conformity: GB/T3956, Class 5
- Insulation: GB/T 5023
- Inner sheath: GB/T5023
- Outer sheath: GB/T5023

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

-  **Rated Voltage**
 - U0/U : 300/500V
-  **Minimum bending radius**
 - Flexing: 6D(Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
-  **Oil resistance test**
 - Passed ASTM standard
 - Passed GB/T2951.5 test
-  **Temperature Range**
 - Flexing: -10° C to +70° C
 - Fixed installation: -5° C to +70° C
-  **Flammability**
 - Flame-retardant according GB/T18380.12
-  **Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0335102012041406BK	0.5	2	7.8±0.4	86.14
J0335102014041406BK	1	2	8.8±0.6	113.73
J0335103012041406BK	0.5	3	8.3±0.6	100.87
J0335103014041406BK	1	3	9.2±0.6	130.88
J0335104012041406BK	0.5	4	8.9±0.6	115.35
J0335104014041406BK	1	4	10±0.6	156.79
J0335105012041406BK	0.5	5	9.5±0.6	130.66
J0335105014041406BK	1	5	10.8±0.6	184.27
J0335106012041406BK	0.5	6	10.3±0.6	151.05
J0335106014041406BK	1	6	12±0.6	219.09
J0335107012041406BK	0.5	7	10.3±0.6	151.05
J0335107014041406BK	1	7	12±0.6	219.09
J0335108012041406BK	0.5	8	11.4±0.6	182.51
J0335109012041406BK	0.5	9	12.3±0.6	202.98
J0335110012041406BK	0.5	10	13±0.6	231.29
J0335111012041406BK	0.5	11	13.3±0.6	245.49

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0335112012041406BK	0.5	12	13.3±0.6	251.75
J0335113012041406BK	0.5	13	14.1±0.8	276.07
J0335114012041406BK	0.5	14	14.1±0.8	282.33
J0335115012041406BK	0.5	15	14.7±0.8	301.47
J0335116013041406BK	0.75	16	15.9±0.8	384.14
J0335117013041406BK	0.75	17	16.6±0.8	408.78
J0335118013041406BK	0.75	18	16.6±0.8	417.51
J0335119013041406BK	0.75	19	16.6±0.8	417.51
J0335120013041406BK	0.75	20	17.1±0.8	440.65
J0335121013041406BK	0.75	21	17.7±0.8	467.19
J0335122013041406BK	0.75	22	18.8±0.8	505.48
J0335123013041406BK	0.75	23	19.6±0.8	555.85
J0335124013041406BK	0.75	24	19.6±0.8	564.58
J0335125013041406BK	0.75	25	20.2±1	592.78
J0335126013041406BK	0.75	26	20.2±1	604.48
J0335127013041406BK	0.75	27	20.2±1	613.21

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0335128013041406BK	0.75	28	20.8±1	637.63
J0335129013041406BK	0.75	29	20.8±1	646.37
J0335130013041406BK	0.75	30	20.8±1	658.07
J0335131013041406BK	0.75	31	21.6±1	693.56
J0335132013041406BK	0.75	32	21.6±1	705.26

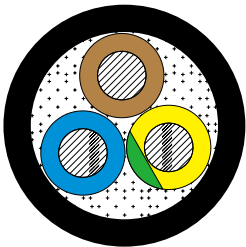
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
J0335133013041406BK	0.75	33	21.6±1	714
J0335134013041406BK	0.75	34	22.3±1	740.69
J0335135013041406BK	0.75	35	22.3±1	752.4
J0335136013041406BK	0.75	36	22.3±1	761.13
J0335137013041406BK	0.75	37	22.3±1	761.13

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LiYY Unshielded EU Standard Data Cable



cross section



Application Range

- Suitable for computer systems, electronic control equipment, office machines, and measurement equipment in tool manufacturing and mechanical industry, commonly used as control and signal cables.

Product Structure

- Conductor: Bare soft copper acco
- Insulation material: PVC TI2 PVC
- sheath: PVC TM2
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: UL758、DIN VDE 0281
- Conductor Conformity: DIN VDE 0295 cl.5 IEC 60228 cl.5
- Insulation: DIN VDE 0281
- sheath Conformity: DIN VDE 0281

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 80 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

- Rated Voltage**
 - U0/U : 300V
- Minimum bending radius**
 - Flexing: 6D(Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C to +80° C
 - Fixed installation: -5° C to +80° C
- Flammability**
 - Flame-retardant according IEC 60332.1
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0185502037000219GY	0.14	2	3.2±0.4	13.62
I0185502039000219GY	0.25	2	3.8±0.4	20.12
I0185502067000219GY	0.34	2	4.1±0.4	24.56
I0185502043000219GY	0.50	2	4.9±0.4	35.37
I0185502045000219GY	0.75	2	5.4±0.4	45.7
I0185502046000219GY	1.00	2	5.6±0.4	52.35
I0185502047000219GY	1.50	2	6.6±0.4	70.17
I0185503037000219GY	0.14	3	3.3±0.4	16.2
I0185503039000219GY	0.25	3	3.8±0.4	22.04
I0185503067000219GY	0.34	3	4.3±0.4	29.61
I0185503043000219GY	0.50	3	5.1±0.4	43.14
I0185503045000219GY	0.75	3	5.7±0.4	56.77
I0185503046000219GY	1.00	3	6±0.4	65.59
I0185503047000219GY	1.50	3	7±0.4	87.71
I0185504037000219GY	0.14	4	3.6±0.4	19.32
I0185504039000219GY	0.25	4	4.3±0.4	28.27

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0185504067000219GY	0.34	4	4.7±0.4	35.55
I0185504043000219GY	0.50	4	5.6±0.4	52.22
I0185504045000219GY	0.75	4	6.2±0.4	69.46
I0185505037000219GY	0.14	5	3.9±0.4	22.57
I0185505039000219GY	0.25	5	4.9±0.4	35.09
I0185505067000219GY	0.34	5	5.2±0.4	44.06
I0185505043000219GY	0.50	5	6.3±0.4	64.46
I0185505045000219GY	0.75	5	6.9±0.4	85.66
I0185506037000219GY	0.14	6	4.2±0.4	25.9
I0185506039000219GY	0.25	6	5.2±0.4	40
I0185506067000219GY	0.34	6	5.7±0.4	50.53
I0185506043000219GY	0.50	6	6.8±0.4	74.28
I0185507037000219GY	0.14	7	4.2±0.4	28.29
I0185507039000219GY	0.25	7	5.2±0.4	43.33
I0185507067000219GY	0.34	7	5.9±0.4	57.81
I0185507043000219GY	0.50	7	7.4±0.4	91.4

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0185507045000219GY	0.75	7	8.1±0.6	120.63
I0185508037000219GY	0.14	8	5±0.4	35.96
I0185508039000219GY	0.25	8	5.8±0.4	50.84
I0185508067000219GY	0.34	8	6.3±0.4	64.46
I0185508043000219GY	0.50	8	7.9±0.4	101.93
I0185508045000219GY	0.75	8	8.9±0.6	139.03
I0185510037000219GY	0.14	10	5.5±0.4	41.94
I0185510039000219GY	0.25	10	6.4±0.4	59.71
I0185510067000219GY	0.34	10	7±0.4	76.6
I0185510043000219GY	0.50	10	8.6±0.6	114.27
I0185510045000219GY	0.75	10	9.5±0.6	154.6
I0185512037000219GY	0.14	12	5.7±0.4	47.04
I0185512039000219GY	0.25	12	6.6±0.4	66.89
I0185512067000219GY	0.34	12	7.4±0.4	89.83
I0185512043000219GY	0.50	12	9±0.6	133.76
I0185512045000219GY	0.75	12	10±0.6	181.22
I0185514037000219GY	0.14	14	6±0.4	52.72
I0185514039000219GY	0.25	14	7.1±0.4	78.1
I0185514067000219GY	0.34	14	8±0.4	104.43
I0185516037000219GY	0.14	16	6.3±0.4	58.56
I0185516039000219GY	0.25	16	7.5±0.4	86.46
I0185516067000219GY	0.34	16	8.1±0.6	112.12
I0185516043000219GY	0.50	16	10±0.6	168.18
I0185516045000219GY	0.75	16	11.5±0.6	240.06
I0185518037000219GY	0.14	18	6.6±0.4	64.47
I0185518039000219GY	0.25	18	7.9±0.4	94.93
I0185518067000219GY	0.34	18	9±0.6	131.5
I0185519039000219GY	0.25	19	8.5±0.6	109.41
I0185520037000219GY	0.14	20	6.8±0.4	69.52
I0185520039000219GY	0.25	20	8.6±0.6	113.53
I0185520067000219GY	0.34	20	9.4±0.6	145.81
I0185520043000219GY	0.50	20	11.4±0.6	216.3
I0185520045000219GY	0.75	20	12.6±0.6	293.35
I0185521037000219GY	0.14	21	6.9±0.4	72.78
I0185521039000219GY	0.25	21	8.8±0.6	118.38
I0185521067000219GY	0.34	21	9.6±0.6	152.25
I0185524037000219GY	0.14	24	7.7±0.4	83.4
I0185524039000219GY	0.25	24	9.5±0.6	130.41
I0185524067000219GY	0.34	24	10.3±0.6	168.9
I0185524043000219GY	0.50	24	12.6±0.6	252.9

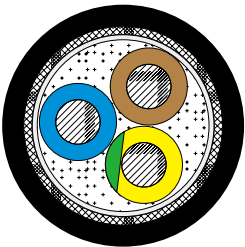
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0185525037000219GY	0.14	25	7.8±0.4	86.69
I0185525039000219GY	0.25	25	9.8±0.6	139.69
I0185525067000219GY	0.34	25	11.1±0.6	190.08
I0185527037000219GY	0.14	27	7.8±0.4	90.92
I0185527039000219GY	0.25	27	10±0.6	150.2
I0185527067000219GY	0.34	27	11.1±0.6	198.59
I0185530037000219GY	0.14	30	8.1±0.6	99.04
I0185530039000219GY	0.25	30	10.2±0.6	157.63
I0185530067000219GY	0.34	30	11.1±0.6	204.89
I0185530043000219GY	0.50	30	13.6±0.6	307.26
I0185532037000219GY	0.14	32	8.4±0.6	105.51
I0185532039000219GY	0.25	32	10.5±0.6	167.27
I0185532067000219GY	0.34	32	11.8±0.6	228.29
I0185536037000219GY	0.14	36	8.8±0.6	115.65
I0185536039000219GY	0.25	36	11.1±0.6	187.21
I0185536067000219GY	0.34	36	12.7±0.6	260.44
I0185537039000219GY	0.25	37	11.3±0.6	195.63
I0185537067000219GY	0.34	37	12.9±0.6	270.92
I0185540037000219GY	0.14	40	9.5±0.6	134.84
I0185540039000219GY	0.25	40	11.4±0.6	203.07
I0185540067000219GY	0.34	40	12.9±0.6	276.65
I0185540043000219GY	0.50	40	15.7±0.8	412.88
I0185542037000219GY	0.14	42	9.8±0.6	135.19
I0185542039000219GY	0.25	42	11.9±0.6	206.22
I0185542067000219GY	0.34	42	14±0.6	301.86
I0185544037000219GY	0.14	44	10.2±0.6	148.57
I0185544039000219GY	0.25	44	12.7±0.6	234.58
I0185544067000219GY	0.34	44	14.8±0.8	336.6
I0185548037000219GY	0.14	48	10.4±0.6	158.67
I0185548039000219GY	0.25	48	12.7±0.6	243.3
I0185548067000219GY	0.34	48	14.8±0.8	350.31
I0185552037000219GY	0.14	52	10.7±0.6	169.47
I0185552039000219GY	0.25	52	13.6±0.6	277.08
I0185552067000219GY	0.34	52	15.2±0.8	372.39
I0185553067000219GY	0.34	53	15.5±0.8	381.64
I0185556037000219GY	0.14	56	11±0.6	180.44
I0185556039000219GY	0.25	56	13.9±0.6	293.46
I0185561037000219GY	0.14	61	11.3±0.6	193.89
I0185561039000219GY	0.25	61	14.5±0.8	319.91
I0185561067000219GY	0.34	61	16.2±0.8	429.58

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

LiYCY Shielded EU Standard Data Cable



cross section



Application Range

- Suitable for tool manufacturing, machine tool industry, electrical engineering, computer science, measurement and control processes.
- Its very small outer diameter makes it also suitable for micro plugs.

Product Structure

- Conductor: Bare soft copper acco
- Insulation material: PVC TI2
- Inner lining layer: polyester tape
- Inner sheath: PVC/ST5 PVC
- Braiding: Tin plated copper braided shielding layer
- Sheath: PVC TM2
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: UL758、DIN VDE 0281
- Conductor Conformity:
- DIN VDE 0295 cl.5 IEC 60228 cl.5
- Insulation: DIN VDE 0281
- sheath Conformity: DIN VDE 0281

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 80 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

Technical Data

- Rated Voltage**
 - U0/U : 300/500V
- Minimum bending radius**
 - Flexing: 6D(Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- Temperature Range**
 - Flexing: -10° C to +80° C
 - Fixed installation: -5° C to +80° C
- Flammability**
 - Flame-retardant according IEC 60332.1
- Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectjonal (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0285502037040219GY	0.14	2	3.8±0.4	21.02
I0285502039040219GY	0.25	2	4.3±0.4	26.27
I0285502067040219GY	0.34	2	4.6±0.4	30.63
I0285502043040219GY	0.50	2	5.4±0.4	41.6
I0285502045040219GY	0.75	2	5.8±0.4	51.17
I0285502046040219GY	1.00	2	6.5±0.4	64.66
I0285502047040219GY	1.50	2	7.7±0.4	85.74
I0285503037040219GY	0.14	3	4±0.4	23.55
I0285503039040219GY	0.25	3	4.7±0.4	32.04
I0285503067040219GY	0.34	3	5±0.4	38.04
I0285503043040219GY	0.50	3	5.8±0.4	52.94
I0285503045040219GY	0.75	3	6.3±0.4	67.58
I0285503046040219GY	1.00	3	6.8±0.4	79.23
I0285503047040219GY	1.50	3	8±0.6	104.46
I0285504037040219GY	0.14	4	4.3±0.4	27.52
I0285504039040219GY	0.25	4	5.2±0.4	39.77

PLN	cross ectjonal (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0285504067040219GY	0.34	4	5.5±0.4	47.51
I0285504043040219GY	0.50	4	6.5±0.4	66.68
I0285504045040219GY	0.75	4	7.1±0.4	84.54
I0285504046040219GY	1.00	4	7.6±0.4	99.14
I0285504047040219GY	1.50	4	8.7±0.6	128.07
I0285505037040219GY	0.14	5	4.6±0.4	31.64
I0285505039040219GY	0.25	5	5.3±0.4	43.46
I0285505067040219GY	0.34	5	5.9±0.4	55.32
I0285505043040219GY	0.50	5	7±0.4	76.8
I0285505045040219GY	0.75	5	7.8±0.4	103.66
I0285505046040219GY	1.00	5	8.4±0.6	121.3
I0285505047040219GY	1.50	5	9.6±0.6	155.27
I0285506037040219GY	0.14	6	4.9±0.4	36.26
I0285506039040219GY	0.25	6	5.7±0.4	49.17
I0285506067040219GY	0.34	6	6.7±0.4	69.19
I0285506043040219GY	0.50	6	7.9±0.4	94.92

PLN	cross ectjonal (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0285507037040219GY	0.14	7	4.9±0.4	38.65
I0285507039040219GY	0.25	7	5.7±0.4	52.5
I0285507067040219GY	0.34	7	6.7±0.4	73.86
I0285507043040219GY	0.50	7	7.9±0.4	102.3
I0285507045040219GY	0.75	7	8.6±0.6	132.64
I0285507046040219GY	1.00	7	9±0.6	151.39
I0285507047040219GY	1.50	7	10.3±0.6	195.32
I0285508037040219GY	0.14	8	5.2±0.4	42.85
I0285508039040219GY	0.25	8	6.5±0.4	63.93
I0285508067040219GY	0.34	8	6.9±0.4	78.55
I0285508043040219GY	0.50	8	8.2±0.6	110.09
I0285510037040219GY	0.14	10	6±0.4	52.28
I0285510039040219GY	0.25	10	7.3±0.4	77.33
I0285510067040219GY	0.34	10	7.9±0.4	95
I0285510043040219GY	0.50	10	9.6±0.6	139.29
I0285510045040219GY	0.75	10	10.6±0.6	180.44
I0285510046040219GY	1.00	10	11.4±0.6	218.72
I0285512037040219GY	0.14	12	6.2±0.4	57.25
I0285512039040219GY	0.25	12	7.5±0.4	84.68
I0285512067040219GY	0.34	12	8.1±0.6	105.22
I0285512043040219GY	0.50	12	9.9±0.6	154.81
I0285512045040219GY	0.75	12	11±0.6	207.8
I0285512046040219GY	1.00	12	11.8±0.6	244.54
I0285512047040219GY	1.50	12	13.8±0.6	321.08
I0285514037040219GY	0.14	14	6.4±0.4	63.66
I0285514039040219GY	0.25	14	8±0.6	97.38
I0285514067040219GY	0.34	14	8.8±0.6	125.16
I0285515037040219GY	0.14	15	6.8±0.4	67.77
I0285515039040219GY	0.25	15	8.4±0.6	103.84
I0285515067040219GY	0.34	15	9.2±0.6	133.46
I0285516037040219GY	0.14	16	6.8±0.4	70.22
I0285516039040219GY	0.25	16	8.4±0.6	107.26
I0285516067040219GY	0.34	16	9.4±0.6	142.5
I0285518037040219GY	0.14	18	7.1±0.4	77.27
I0285518039040219GY	0.25	18	8.7±0.6	116.87
I0285518067040219GY	0.34	18	9.8±0.6	155.92
I0285518043040219GY	0.50	18	11.9±0.6	227.91
I0285518045040219GY	0.75	18	13±0.6	295.07
I0285518046040219GY	1.00	18	13.9±0.6	347.35

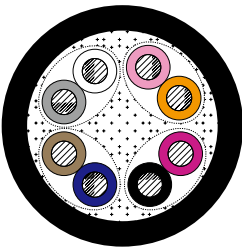
PLN	cross ectjonal (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0285518047040219GY	1.50	18	16.4±0.8	470.39
I0285520037040219GY	0.14	20	7.6±0.4	89.39
I0285520039040219GY	0.25	20	9.1±0.6	128.75
I0285520067040219GY	0.34	20	10±0.6	166.34
I0285520043040219GY	0.50	20	12.1±0.6	244.5
I0285521037040219GY	0.14	21	7.8±0.4	93.23
I0285521039040219GY	0.25	21	9.3±0.6	134
I0285521067040219GY	0.34	21	10.2±0.6	173.61
I0285525037040219GY	0.14	25	8.5±0.6	104.51
I0285525039040219GY	0.25	25	10.3±0.6	155.64
I0285525067040219GY	0.34	25	11.5±0.6	206.7
I0285525043040219GY	0.50	25	14±0.6	298.26
I0285525045040219GY	0.75	25	15.5±0.8	395.91
I0285525046040219GY	1.00	25	16.6±0.8	474.06
I0285525047040219GY	1.50	25	20±0.8	659.62
I0285528037040219GY	0.14	28	8.8±0.6	113.47
I0285528039040219GY	0.25	28	10.8±0.6	173.29
I0285528067040219GY	0.34	28	12±0.6	229.59
I0285530037040219GY	0.14	30	8.8±0.6	118.36
I0285530039040219GY	0.25	30	11±0.6	185.08
I0285530067040219GY	0.34	30	12.2±0.6	244.64
I0285530043040219GY	0.50	30	14.4±0.8	340.04
I0285530045040219GY	0.75	30	16.1±0.8	462.67
I0285532037040219GY	0.14	32	9.1±0.6	125.05
I0285532039040219GY	0.25	32	11.5±0.6	200.28
I0285532067040219GY	0.34	32	13±0.6	270.08
I0285536037040219GY	0.14	36	9.4±0.6	137.13
I0285536039040219GY	0.25	36	11.8±0.6	217.37
I0285536067040219GY	0.34	36	13.3±0.6	288.31
I0285540037040219GY	0.14	40	9.8±0.6	148.75
I0285540039040219GY	0.25	40	12.4±0.6	239.98
I0285540067040219GY	0.34	40	13.7±0.6	311.48
I0285544037040219GY	0.14	44	10.6±0.6	168.23
I0285544039040219GY	0.25	44	13.2±0.6	256.79
I0285544067040219GY	0.34	44	14.9±0.8	347.1
I0285550037040219GY	0.14	50	11±0.6	184.86
I0285550039040219GY	0.25	50	13.9±0.6	287.35
I0285550067040219GY	0.34	50	15±0.8	366.94
I0285561039040219GY	0.25	61	14.6±0.8	331.73

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LiYY-TP Twisted Pair Unshielded EU Standard Data Cable



cross section



Application Range

- Suitable for places that require small spaces, smaller outer diameters, and bending radii, twisted pair cables reduce internal crosstalk.
- In many applications, there is no need for additional shielding.
- Outdoor use is not allowed.

Product Structure

- Conductor: Bare soft copper acco
- Insulation material: PVC TI2
- sheath: PVC TM2
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: UL758、DIN VDE 0281
- Conductor Conformity: DIN VDE 0295 cl.5 IEC 60228 cl.5
- Insulation: DIN VDE 0281
- sheath Conformity: DIN VDE 0281

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 80 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

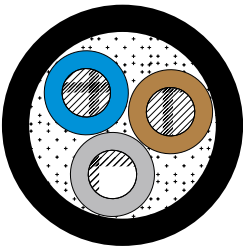
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
I0385504037000219GY	0.14	2P	4.8±0.4	25.04
I0385504039000219GY	0.25	2P	5.6±0.4	35.98
I0385504067000219GY	0.34	2P	6.1±0.4	44.3
I0385504043000219GY	0.50	2P	7.4±0.4	63.54
I0385504045000219GY	0.75	2P	8.2±0.6	82.83
I0385506037000219GY	0.14	3P	5.1±0.4	30.67
I0385506039000219GY	0.25	3P	6.1±0.4	46.7
I0385506067000219GY	0.34	3P	6.6±0.4	58.18
I0385506043000219GY	0.50	3P	8±0.6	83.98
I0385506045000219GY	0.75	3P	8.9±0.6	110.82
I0385508037000219GY	0.14	4P	5.6±0.4	37.57
I0385508039000219GY	0.25	4P	6.7±0.4	56.52
I0385508067000219GY	0.34	4P	7.2±0.4	71.14
I0385508043000219GY	0.50	4P	8.8±0.6	103.92
I0385508045000219GY	0.75	4P	9.7±0.6	139.19
I0385510037000219GY	0.14	5P	6.1±0.4	44.69

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NYY-0 EU Power Cable U0/U 600/1000V



cross section



Application Range

- NYY-0 power cables are specifically designed for energy supply in cable ducts, power stations, industrial and distribution boards, as well as user networks

Product Structure

- Conductor: Bare copper solid or stranded conductors acc
- Insulation material: PVC DIV4
- Outer sheath: PVC DMV5
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: DIN VDE 0276 603
- Conductor Conformity: DIN VDE 0295 c1.1/c1.2
- Insulation: HD 603
- sheath Conformity: HD 603

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0161101019000125BK	4RE	1	8.4±0.6	105.09
T0161101020000125BK	6RE	1	8.9±0.6	127.9
T0162101021000125BK	10RM	1	10.2±0.6	181.59
T0162101022000125BK	16RM	1	11.2±0.6	245.34
T0162101023000125BK	25RM	1	12.9±0.6	353.4
T0162101024000125BK	35RM	1	14±0.8	452.23
T0162101025000125BK	50RM	1	15.8±0.8	594.91
T0162101026000125BK	70RM	1	17.5±0.8	802.02
T0162101027000125BK	95RM	1	19.8±0.8	1074.86
T0162101028000125BK	120RM	1	21.3±1	1319.22
T0162101029000125BK	150RM	1	23.3±1	1608.38
T0162101030000125BK	185RM	1	25.5±1.2	1984.95
T0162101031000125BK	240RM	1	28.5±1.2	2571.58
T0162101032000125BK	300RM	1	31.4±1.4	3192.01
T0161103016000125BK	1.5RE	3	10.6±0.6	143.09
T0161103018000125BK	2.5RE	3	11.4±0.6	181.61

Technical Data

- ⚡ **Rated Voltage**
 - U0/U: 600/1000V
- 📏 **Minimum bending radius**
 - Fixed installation: Solid conductor: 20D (Cable O.D.) Twisted conductor: 15D (Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -10° C to +70° C
- 🔥 **Flammability**
 - Flame-retardant according IEC 60332.1
- 🧪 **Good chemical resistance**
 - Good oil resistance,
 - Cold resistance,
 - Acid and Alkali resistance
 - Solvent resistance, etc. (optional)

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0161103019000125BK	4RE	3	13.3±0.6	257.15
T0161103020000125BK	6RE	3	14.3±0.8	324.12
T0162103021000125BK	10RM	3	17.1±0.8	485.3
T0162103022000125BK	16RM	3	19.3±0.8	680.47
T0161104016000125BK	1.5RE	4	11.4±0.6	170.09
T0161104018000125BK	2.5RE	4	12.3±0.6	221.53
T0161104019000125BK	4RE	4	14.4±0.8	314.83
T0161104020000125BK	6RE	4	15.5±0.8	405.33
T0162104021000125BK	10RM	4	18.7±0.8	613.54
T0162104022000125BK	16RM	4	21.1±1	862.79
T01621040505000125BK	25RM/16RM	3+1	24.2±1	1193.38
T0161105016000125BK	1.5RE	5	12.2±0.6	200.58
T0161105018000125BK	2.5RE	5	13.3±0.6	259.78
T0161105019000125BK	4RE	5	15.6±0.8	379.11
T0161105020000125BK	6RE	5	16.9±0.8	485.57
T0162105021000125BK	10RM	5	20.4±1	743.12

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0162105022000125BK	16RM	5	23.1±1	1051.5
T0162105023000125BK	25RM	5	27.7±1.2	1583.52
T0161107016000125BK	1.5RE	7	13.1±0.6	245.28
T0161107018000125BK	2.5RE	7	14.3±0.8	325.89
T0161107019000125BK	4RE	7	16.9±0.8	476.53
T0161107020000125BK	6RE	7	18.3±0.8	621.34
T0161110016000125BK	1.5RE	10	16.1±0.8	341.47
T0161110018000125BK	2.5RE	10	17.6±0.8	457.46
T0161112016000125BK	1.5RE	12	16.5±0.8	381.49
T0161112018000125BK	2.5RE	12	18.2±0.8	516.55
T0161114016000125BK	1.5RE	14	17.3±0.8	431.53
T0161114018000125BK	2.5RE	14	19±0.8	587.63
T0161116016000125BK	1.5RE	16	18.2±0.8	482.64
T0161116018000125BK	2.5RE	16	20±0.8	659.87

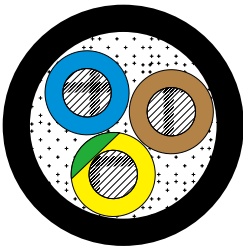
■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0161119016000125BK	1.5RE	19	19.1±0.8	551.86
T0161119018000125BK	2.5RE	19	21±1	760.23
T0161121016000125BK	1.5RE	21	19.9±0.8	606.17
T0161121018000125BK	2.5RE	21	22±1	835.71
T0161124016000125BK	1.5RE	24	22±1	690.49
T0161124018000125BK	2.5RE	24	24.4±1	954.34
T0161130016000125BK	1.5RE	30	23.2±1	823
T0161130018000125BK	2.5RE	30	25.8±1.2	1147.06
T0161140016000125BK	1.5RE	40	25.9±1.2	1061.3
T0161140018000125BK	2.5RE	40	28.9±1.2	1502.09
T0161152018000125BK	2.5RE	52	32.9±1.4	1923.7
T0161161016000125BK	1.5RE	61	31.3±1.4	1575.17
T0161161018000125BK	2.5RE	61	35±1.6	2239

NYY-J EU Power Cable U0/U 600/1000V



cross section



Application Range

- NYY-J power cables are specifically designed for energy supply in cable ducts, power stations, industrial and distribution boards, as well as user networks

Product Structure

- Conductor: Bare copper solid or stranded conductors acc
- Insulation material: PVC DIV4
- Ground wire: (yellow - green)
- Outer sheath: PVC DMV5
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: DIN VDE 0276 603
- Conductor Conformity: DIN VDE 0295 c1.1/c1.2
- Insulation: HD 603
- sheath Conformity: HD 603

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 70 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0461101019000125BK	4RE	1	8.4±0.6	105.09
T0461101020000125BK	6RE	1	8.9±0.6	127.9
T0462101021000125BK	10RM	1	10.2±0.6	181.59
T0462101022000125BK	16RM	1	11.2±0.6	245.34
T0462101023000125BK	25RM	1	12.9±0.6	353.4
T0462101024000125BK	35RM	1	14±0.8	452.23
T0462101025000125BK	50RM	1	15.8±0.8	594.91
T0462101026000125BK	70RM	1	17.5±0.8	802.02
T0462101027000125BK	95RM	1	19.8±0.8	1074.86
T0462101028000125BK	120RM	1	21.3±1	1319.22
T0462101029000125BK	150RM	1	23.3±1	1608.38
T0462101030000125BK	185RM	1	25.5±1.2	1984.95
T0462101031000125BK	240RM	1	28.5±1.2	2571.58
T0462101032000125BK	300RM	1	31.4±1.4	3192.01
T0461103016000125BK	1.5RE	3	10.6±0.6	143.09
T0461103018000125BK	2.5RE	3	11.4±0.6	181.61

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0461103019000125BK	4RE	3	13.3±0.6	257.15
T0461103020000125BK	6RE	3	14.3±0.8	324.12
T0462103021000125BK	10RM	3	17.1±0.8	485.3
T0462103022000125BK	16RM	3	19.3±0.8	680.47
T0461104016000125BK	1.5RE	4	11.4±0.6	170.09
T0461104018000125BK	2.5RE	4	12.3±0.6	221.53
T0461104019000125BK	4RE	4	14.4±0.8	314.83
T0461104020000125BK	6RE	4	15.5±0.8	405.33
T0462104021000125BK	10RM	4	18.7±0.8	613.54
T0462104022000125BK	16RM	4	21.1±1	862.79
T0462104505000125BK	25RM/16RM	3+1	24.2±1	1193.38
T0461105016000125BK	1.5RE	5	12.2±0.6	200.58
T0461105018000125BK	2.5RE	5	13.3±0.6	259.78
T0461105019000125BK	4RE	5	15.6±0.8	379.11
T0461105019000125BK	4RE	5	15.6±0.8	379.11
5020000125BK	6RE	5	16.9±0.8	485.57
T0462105021000125BK	10RM	5	20.4±1	743.12

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0462105022000125BK	16RM	5	23.1±1	1051.5
T0462105023000125BK	25RM	5	27.7±1.2	1583.52
T0461107016000125BK	1.5RE	7	13.1±0.6	245.28
T0461107018000125BK	2.5RE	7	14.3±0.8	325.89
T0461107019000125BK	4RE	7	16.9±0.8	476.53
T0461107020000125BK	6RE	7	18.3±0.8	621.34
T0461110016000125BK	1.5RE	10	16.1±0.8	341.47
T0461110018000125BK	2.5RE	10	17.6±0.8	457.46
T04611107016000125BK	1.5RE	12	16.5±0.8	381.49
T0461112016000125BK	2.5RE	12	18.2±0.8	516.55
T0461114016000125BK	1.5RE	14	17.3±0.8	431.53
T0461114018000125BK	2.5RE	14	19±0.8	587.63
T0461116016000125BK	1.5RE	16	18.2±0.8	482.64
T0461116018000125BK	2.5RE	16	20±0.8	659.87

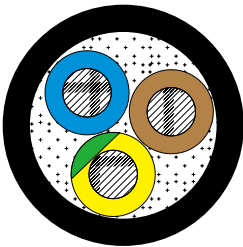
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PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0461119016000125BK	1.5RE	19	19.1±0.8	551.86
T0461119018000125BK	2.5RE	19	21±1	760.23
T0461121016000125BK	1.5RE	21	19.9±0.8	606.17
T0461121018000125BK	2.5RE	21	22±1	835.71
T0461124016000125BK	1.5RE	24	22±1	690.49
T0461124018000125BK	2.5RE	24	24.4±1	954.34
T0461130016000125BK	1.5RE	30	23.2±1	823
T0461130018000125BK	2.5RE	30	25.8±1.2	1147.06
T0461140016000125BK	1.5RE	40	25.9±1.2	1061.3
T0461140018000125BK	2.5RE	40	28.9±1.2	1502.09
T0461152018000125BK	2.5RE	52	32.9±1.4	1923.7
T0461161016000125BK	1.5RE	61	31.3±1.4	1575.17
T0461161018000125BK	2.5RE	61	35±1.6	2239

N2XY EU Power cable U0/U 600/1000V



cross section



Application Range

- Suitable for indoor fixed installation
laid in cable ducts
cable racks or protective barriers
buried directly in ditches or used outdoors
with protection

Product Structure

- Conductor:
Bare copper solid or stranded conductors acc
- Insulation material:
XLPE DIX3
- Ground wire:
three cores and above (yellow-green)
- Outer sheath:
PVC DMV6
- Color of core and sheath:
as per customer's requirement
- Material of core and sheath:
as per customer's requirement

Standards/Certification

- Norm Reference: DIN VDE 0276 603
- Conductor Conformity:
- DIN VDE 0295 c1.1/c1.2
- Insulation: HD 603
- sheath Conformity: HD 603

Properties

- Characteristic:
The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard:
insulation thickness
easy to cut wire
and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0261101019001126BK	4RE	1	7.8±0.4	91.31
T0261101020001126BK	6RE	1	8.3±0.6	112.91
T0262101021001126BK	10RM	1	9.6±0.6	163.39
T0262101022001126BK	16RM	1	10.6±0.6	224.61
T0262101023001126BK	25RM	1	12.3±0.6	326.38
T0262101024001126BK	35RM	1	13.4±0.6	422.1
T0262101025001126BK	50RM	1	15±0.8	552.1
T0262101026001126BK	70RM	1	16.9±0.8	758.65
T0262101027001126BK	95RM	1	18.8±0.8	1008.29
T0262101028001126BK	120RM	1	20.5±1	1252.78
T0262101029001126BK	150RM	1	22.5±1	1529.64
T0262101030001126BK	185RM	1	24.7±1	1891.59
T0262101031001126BK	240RM	1	27.5±1.2	2450
T0262101032001126BK	300RM	1	30±1.4	3025.89
T0261102016001126BK	1.5RE	2	9.7±0.6	106.43
T0261102018001126BK	2.5RE	2	10.5±0.6	135.18

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0261102019001126BK	4RE	2	11.4±0.6	173.99
T0261102020001126BK	6RE	2	12.4±0.6	219.9
T0262102021001126BK	10RM	2	15±0.8	331.98
T0262102022001126BK	16RM	2	17±0.8	463.31
T0262102023001126BK	25RM	2	20.4±1	687.95
T0262102024001126BK	35RM	2	23±1	914.81
T0262102025001126BK	50RM	2	26.1±1.2	1199.24
T0261103016001126BK	1.5RE	3	10.2±0.6	128.42
T0261103018001126BK	2.5RE	3	11±0.6	165.07
T0261103019001126BK	4RE	3	12±0.6	215.1
T0261103020001126BK	6RE	3	13±0.6	280.48
T0262103021001126BK	10RM	3	15.8±0.8	429.93
T0262103022001126BK	16RM	3	18±0.8	615.14
T0262103023001126BK	25RM	3	22±1	946.43
T0262103024001126BK	35RM	3	24.4±1	1237.16
T0262103025001126BK	50RM	3	27.4±1.2	1615.93

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0261104016001126BK	1.5RE	4	10.9±0.6	151.31
T0261104018001126BK	2.5RE	4	11.8±0.6	197.04
T0261104019001126BK	4RE	4	12.9±0.6	266.78
T0261104020001126BK	6RE	4	14.1±0.8	348.02
T0262104021001126BK	10RM	4	17.2±0.8	542.08
T0262104022001126BK	16RM	4	19.7±0.8	780.05
T0262104023001126BK	25RM	4	23.8±1	1188.17
T0262104024001126BK	35RM	4	26.4±1.2	1565.46
T0261104501001126BK	4RE/2.5RE	3+1	12.8±0.6	252.56
T0261104502001126BK	6RE/4RE	3+1	14.2±0.8	334.53
T0262104503001126BK	10RM/6RE	3+1	16.8±0.8	502.73
T0262104504001126BK	16RM/10RM	3+1	19.4±0.8	730.21
T0262104505001126BK	25RM/16RM	3+1	23.5±1	1121.99
T0262104506001126BK	35RM/16RM	3+1	25.5±1.2	1408.7
T0261105016001126BK	1.5RE	5	11.7±0.6	177.65
T0261105018001126BK	2.5RE	5	12.7±0.6	233.75
T0261105019001126BK	4RE	5	14±0.6	319.27
T0261105020001126BK	6RE	5	15.3±0.8	420.92
T0262105021001126BK	10RM	5	18.8±0.8	661.49

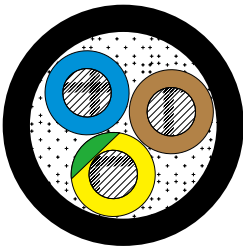
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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
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PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0262105022001126BK	16RM	5	21.5±1	958.08
T0262105023001126BK	25RM	5	26.1±1.2	1457.68
T0261107016001126BK	1.5RE	7	12.5±0.6	214.39
T0261107018001126BK	2.5RE	7	13.7±0.6	290.64
T0261107019001126BK	4RE	7	15.1±0.8	399.86
T0261110016001126BK	1.5RE	10	15.3±0.8	295.34
T0261110018001126BK	2.5RE	10	16.8±0.8	406.72
T0261112016001126BK	1.5RE	12	15.7±0.8	330.18
T0261112018001126BK	2.5RE	12	17.3±0.8	457.75
T0261112019001126BK	4RE	12	19.2±0.8	641.31
T0261114016001126BK	1.5RE	14	16.4±0.8	372.41
T0261114018001126BK	2.5RE	14	18.1±0.8	519.78
T0261119016001126BK	1.5RE	19	18.1±0.8	473.39
T0261119018001126BK	2.5RE	19	20±0.8	669.92
T0261124016001126BK	1.5RE	24	20.8±1	589.45
T0261124018001126BK	2.5RE	24	23.2±1	839.96
T0261130016001126BK	1.5RE	30	22±1	701.64
T0261130018001126BK	2.5RE	30	24.5±1	1007
T0261140016001126BK	1.5RE	40	24.4±1	900.9

N2XH EU Power Cable U0/U 600/1000V



cross section



Application Range

- Mainly used in places that threaten human life or flammable materials Industries, public buildings, hotels, subway systems, hospitals, etc
- Can be used in dry or humid environments
- Not suitable for direct burial in soil or water

Product Structure

- Conductor: Bare copper solid or stranded conductors acc
- Insulation material: XLPE 2Xl1 type insulation
- Ground wire: three cores and above (yellow-green)
- Outer sheath: Thermoplastic polyolefin HM4 type sheath
- Color of core and sheath: as per customer's requirement
- Material of core and sheath: as per customer's requirement

Standards/Certification

- Norm Reference: DIN VDE 0276 603
- Conductor Conformity: DIN VDE 0295 c1.1/c1.2
- Insulation: HD 604
- sheath Conformity: HD 604

Properties

- Characteristic: The long-term allowable working temperature of the wire should not exceed 90 °C
- Using standard: insulation thickness easy to cut wire and easy to peel

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0361101019001120BK	4RE	1	7.8±0.4	95.71
T0361101020001120BK	6RE	1	8.3±0.6	117.79
T0362101021001120BK	10RM	1	9.6±0.6	169.55
T0362101022001120BK	16RM	1	10.6±0.6	231.77
T0362101023001120BK	25RM	1	12.3±0.6	335.22
T0362101024001120BK	35RM	1	13.4±0.6	432.03
T0362101025001120BK	50RM	1	15±0.8	563.56
T0362101026001120BK	70RM	1	16.9±0.8	772.04
T0362101027001120BK	95RM	1	18.8±0.8	1023.5
T0362101028001120BK	120RM	1	20.5±1	1269.76
T0362101029001120BK	150RM	1	22.5±1	1548.54
T0362101030001120BK	185RM	1	24.7±1	1912.68
T0362101031001120BK	240RM	1	27.5±1.2	2473.87
T0362101032001120BK	300RM	1	30±1.4	3052.27
T0361102016001120BK	1.5RE	2	9.7±0.6	112.73
T0361102018001120BK	2.5RE	2	10.5±0.6	142.25

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0361102019001120BK	4RE	2	11.4±0.6	181.97
T0361102020001120BK	6RE	2	12.4±0.6	228.84
T0362102021001120BK	10RM	2	15±0.8	343.47
T0362102022001120BK	16RM	2	17±0.8	476.82
T0362102023001120BK	25RM	2	20.4±1	704.8
T0362102024001120BK	35RM	2	23±1	934.58
T0362102025001120BK	50RM	2	26.1±1.2	1222.15
T0361103016001120BK	1.5RE	3	10.2±0.6	135.14
T0361103018001120BK	2.5RE	3	11±0.6	172.63
T0361103019001120BK	4RE	3	12±0.6	223.64
T0361103020001120BK	6RE	3	13±0.6	290.04
T0362103021001120BK	10RM	3	15.8±0.8	442.24
T0362103022001120BK	16RM	3	18±0.8	629.62
T0362103023001120BK	25RM	3	22±1	965.2
T0362103024001120BK	35RM	3	24.4±1	1258.37
T0362103025001120BK	50RM	3	27.4±1.2	1639.66

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0361104016001120BK	1.5RE	4	10.9±0.6	158.75
T0361104018001120BK	2.5RE	4	11.8±0.6	205.41
T0361104019001120BK	4RE	4	12.9±0.6	276.25
T0361104020001120BK	6RE	4	14.1±0.8	358.64
T0362104021001120BK	10RM	4	17.2±0.8	555.78
T0362104022001120BK	16RM	4	19.7±0.8	796.18
T0362104023001120BK	25RM	4	23.8±1	1208.34
T0362104024001120BK	35RM	4	26.4±1.2	1588.28
T0361104501001120BK	4RE/2.5RE	3+1	12.8±0.6	261.88
T0361104502001120BK	6RE/4RE	3+1	14.2±0.8	345.21
T0362104503001120BK	10RM/6RE	3+1	16.8±0.8	516.01
T0362104504001120BK	16RM/10RM	3+1	19.4±0.8	746.09
T0362104505001120BK	25RM/16RM	3+1	23.5±1	1142.24
T0362104506001120BK	35RM/16RM	3+1	25.5±1.2	1431
T0361105016001120BK	1.5RE	5	11.7±0.6	185.87
T0361105018001120BK	2.5RE	5	12.7±0.6	243.01
T0361105019001120BK	4RE	5	14±0.6	329.76
T0361105020001120BK	6RE	5	15.3±0.8	432.7
T0362105021001120BK	10RM	5	18.8±0.8	676.72

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
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PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
T0362105022001120BK	16RM	5	21.5±1	976.02
T0362105023001120BK	25RM	5	26.1±1.2	1480.14
T0361107016001120BK	1.5RE	7	12.5±0.6	223.43
T0361107018001120BK	2.5RE	7	13.7±0.6	300.84
T0361107019001120BK	4RE	7	15.1±0.8	411.43
T0361110016001120BK	1.5RE	10	15.3±0.8	307.13
T0361110018001120BK	2.5RE	10	16.8±0.8	420.05
T0361112016001120BK	1.5RE	12	15.7±0.8	342.38
T0361112018001120BK	2.5RE	12	17.3±0.8	471.56
T0361112019001120BK	4RE	12	19.2±0.8	657.01
T0361114016001120BK	1.5RE	14	16.4±0.8	385.33
T0361114018001120BK	2.5RE	14	18.1±0.8	534.4
T0361119016001120BK	1.5RE	19	18.1±0.8	487.92
T0361119018001120BK	2.5RE	19	20±0.8	686.37
T0361124016001120BK	1.5RE	24	20.8±1	606.72
T0361124018001120BK	2.5RE	24	23.2±1	859.54
T0361130016001120BK	1.5RE	30	22±1	720.04
T0361130018001120BK	2.5RE	30	24.5±1	1027.88
T0361140016001120BK	1.5RE	40	24.4±1	921.74



9 Specialty Cables

- YG High temperature resistant silicone rubber single core cable
- AFPF high-temperature resistant PTFE shielded cable
- AF high-temperature resistant PTFE insulated cable
- YFFB towing flat cable
- YFFP towing flat shielded cable

YG High Temperature Resistant Silicone Rubber Single Core Cable



cross section



Application Range

- Suitable for electrical connections with temperature resistance requirements inside industrial equipment, including electrical cabinets, control rooms, connectors, etc., and can also be used for lighting, etc

Product Structure

- Conductor: Multi-stranded fine stranded tin-plated copper wires
- Insulation: Specialized silicone rubber compound is halogen-free and environmentally friendly, Special silicone rubber compound + Glass Fiber Braid Covering
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: GB/T 5013
- Conductor Conformity: IEC 60228 / VDE 0295
- Insulation Conformity: GB/T 5013

Properties

- Characteristics: Working temperature does not exceed 150 °C
- Use standard: Insulation thickness easy to cut wire easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0135301012002500BK	0.5	1	2.1±0.4	9
Y0135301013002500BK	0.75	1	2.4±0.4	12
Y0135301014002500BK	1	1	2.5±0.4	15
Y0255301016002500BK	1.5	1	3.0±0.4	22
Y0255301018002500BK	2.5	1	3.6±0.4	34
Y0255301019002500BK	4	1	4.2±0.4	50
Y0255301020002500BK	6	1	4.8±0.4	71
Y0255301021002500BK	10	1	6.2±0.4	120
Y0255301022002500BK	16	1	8.3±0.6	195

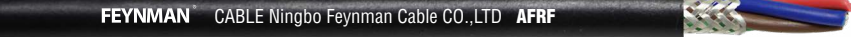
Technical Data

- ⚡ **Rated Voltage**
 - ≤ 1.5mm², 300/500V
 - > 1.5mm², 450/750V
- 📏 **Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -40° C ~ +150° C
- 🔥 **Flammability**
 - Flame-retardant according IEC 60332.1

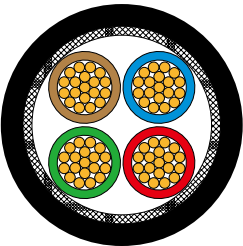
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0255301023002500BK	25	1	10.3±0.6	295
Y0255301024002500BK	35	1	11.8±0.6	399
Y0255301025002500BK	50	1	14.2±0.8	572
Y0255301026002500BK	70	1	16.2±0.8	779
Y0255301027002500BK	95	1	18.9±0.8	1045
Y0255301028002500BK	120	1	20.5±1.0	1303
Y0255301029002500BK	150	1	24.2±1.0	1628
Y0255301030002500BK	185	1	25.9±1.2	2008
Y0255301031002500BK	240	1	29.0±1.2	2598

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AFPF High-Temperature Resistant PTFE Shielded Cable



cross section



Application Range

- In the electronics industry
- Adapted to low temperature resistant wires
- High temperature heating wire
- Aging-resistant wire in the electrical industry
- Can be used for air conditioners, microwave ovens, electric ovens, electric frying pans, and other wiring

Product Structure

- Conductor: Stranded tinned or silver-plated copper wire
- Core insulation: FEP fluoroplastic
- Braiding: Tinned copper wire
- Outer sheath: FEP (150°C) fluorine plastic
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: UL 758

Properties

- Characteristics: Working temperature does not exceed 150 °C
- Use standard: Insulation thickness easy to cut wire easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0435301003051917BK	0.12	1	1.7±0.4	7
Y0435301005051917BK	0.2	1	1.9±0.4	10
Y0435301064051917BK	0.35	1	2.2±0.4	13
Y0435301012051917BK	0.5	1	2.4±0.4	16
Y0435301013051917BK	0.75	1	2.7±0.4	20
Y0435301014051917BK	1.0	1	2.8±0.4	23
Y0435303001051917BK	0.08	3	2.5±0.2	11
Y0435304001051917BK	0.08	4	2.8±0.2	14
Y0435306001051917BK	0.08	6	3.2±0.2	17
Y0435302003051917BK	0.12	2	2.7±0.2	14
Y0435303003051917BK	0.12	3	2.7±0.2	14
Y0435304003051917BK	0.12	4	3±0.2	17
Y0435305003051917BK	0.12	5	3.3±0.2	20
Y0435306003051917BK	0.12	6	3.6±0.2	23
Y0435307003051917BK	0.12	7	3.6±0.2	24
Y0435308003051917BK	0.12	8	3.9±0.2	27
Y0435310003051917BK	0.12	10	4.5±0.2	33
Y0435312003051917BK	0.12	12	4.6±0.2	35
Y0435319003051917BK	0.12	19	5.5±0.2	51
Y0435302005051917BK	0.2	2	2.9±0.2	15
Y0435303005051917BK	0.2	3	3.0±0.4	17

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0435304005051917BK	0.2	4	3.5±0.4	24
Y0435305005051917BK	0.2	5	3.8±0.4	27
Y0435306005051917BK	0.2	6	4.2±0.4	33
Y0435307005051917BK	0.2	7	4.2±0.4	35
Y0435308005051917BK	0.2	8	4.5±0.4	38
Y0435310005051917BK	0.2	10	5.2±0.4	45
Y0435312005051917BK	0.2	12	5.4±0.4	51
Y0435319005051917BK	0.2	19	6.4±0.4	73
Y0435302064051917BK	0.35	2	3.5±0.4	22
Y0435303064051917BK	0.35	3	3.6±0.4	23
Y0435304064051917BK	0.35	4	4.3±0.4	34
Y0435305064051917BK	0.35	5	4.7±0.4	41
Y0435306064051917BK	0.35	6	5.0±0.4	43
Y0435307064051917BK	0.35	7	5.1±0.4	50
Y0435308064051917BK	0.35	8	5.5±0.4	55
Y0435310064051917BK	0.35	10	6.5±0.4	69
Y0435312064051917BK	0.35	12	6.7±0.4	76
Y0435319064051917BK	0.35	19	8.0±0.4	111
Y0435302012051917BK	0.5	2	3.8±0.4	28
Y0435303012051917BK	0.5	3	3.9±0.4	30
Y0435304012051917BK	0.5	4	4.6±0.4	44

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0435305012051917BK	0.5	5	5.0±0.4	50
Y0435306012051917BK	0.5	6	5.4±0.4	56
Y0435307012051917BK	0.5	7	5.4±0.4	61
Y0435308012051917BK	0.5	8	5.9±0.4	71
Y0435310012051917BK	0.5	10	7.0±0.4	89
Y0435312012051917BK	0.5	12	7.2±0.4	99
Y0435319012051917BK	0.5	19	8.5±0.6	140
Y0435320012051917BK	0.5	20	9.5±0.6	373
Y0435302013051917BK	0.75	2	4.6±0.4	40
Y0435303013051917BK	0.75	3	4.8±0.4	44
Y0435304013051917BK	0.75	4	5.5±0.4	61
Y0435305013051917BK	0.75	5	6.0±0.4	72
Y0435306013051917BK	0.75	6	6.4±0.4	78
Y0435307013051917BK	0.75	7	6.4±0.4	85
Y0435308013051917BK	0.75	8	6.9±0.4	94
Y0435310013051917BK	0.75	10	8.2±0.6	120
Y0435312013051917BK	0.75	12	8.5±0.6	133
Y0435319013051917BK	0.75	19	10.2±0.6	201
Y0435302014051917BK	1	2	4.7±0.4	43

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
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PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0435303014051917BK	1	3	4.8±0.4	47
Y0435304014051917BK	1	4	5.6±0.4	67
Y0435305014051917BK	1	5	6.2±0.4	83
Y0435306014051917BK	1	6	6.8±0.4	97
Y0435307014051917BK	1	7	6.8±0.4	106
Y0435308014051917BK	1	8	7.3±0.4	117
Y0435310014051917BK	1	10	8.8±0.6	152
Y0435312014051917BK	1	12	9.0±0.6	168
Y0435319014051917BK	1	19	10.8±0.6	254
Y0435302016051917BK	1.5	2	5.8±0.4	63
Y0435303016051917BK	1.5	3	6.0±0.4	73
Y0435304016051917BK	1.5	4	6.8±0.4	97
Y0435305016051917BK	1.5	5	7.5±0.4	118
Y0435306016051917BK	1.5	6	8.4±0.6	144
Y0435307016051917BK	1.5	7	8.4±0.6	157
Y0435308016051917BK	1.5	8	9.0±0.6	100
Y0435310016051917BK	1.5	10	10.5±0.6	205
Y0435312016051917BK	1.5	12	11.2±0.6	253
Y0435319016051917BK	1.5	19	13.2±0.6	365

AF High-Temperature Resistant PTFE Insulated Cable



Application Range

- Suitable for circuit connections between electronic and electrical equipment and instrument circuits in aviation,
- Aerospace, weapons, ships,
- And communication fields

Standards/Certification

- Norm Reference: UL 758

Product Structure

- Conductor: Multi-stranded fine stranded tinned copper wire
- Insulation: FEP (150°C) fluorine plastic
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Properties

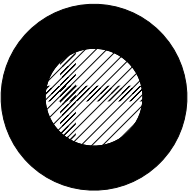
- Characteristics: Working temperature does not exceed 150 °C
- Use standard: Insulation thickness easy to cut wire easy to strip

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0345301063001900BK	0.06	1	0.8±0.2	2
Y0345301003001900BK	0.12	1	0.9±0.2	3
Y0345301005001900BK	0.2	1	1.1±0.2	5
Y0345301064001900BK	0.35	1	1.3±0.2	7
Y0345301012001900BK	0.50	1	1.4±0.2	8
Y0345301013001900BK	0.75	1	1.7±0.2	12
Y0345301014001900BK	1.0	1	1.8±0.2	15

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
Y0345301065001900BK	1.2	1	2.0±0.2	17
Y0345301016001900BK	1.5	1	2.2±0.2	22
Y0345301017001900BK	2.0	1	2.5±0.2	28
Y0345301018001900BK	2.5	1	2.9±0.2	37
Y0345301019001900BK	4.0	1	3.4±0.2	44
Y0345301066001900BK	5.0	1	4.0±0.2	56
Y0345301020001900BK	6.0	1	4.2±0.2	70

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Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils).
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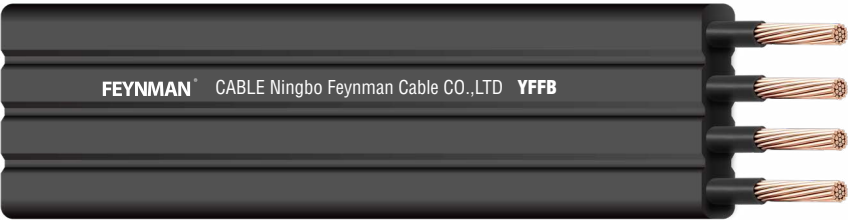
cross section



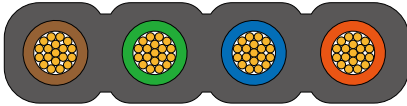
Technical Data

- ⚡ **Rated Voltage**
 - 600V DC
- 📏 **Minimum bending radius**
 - Flexing: 6D (Cable O.D.)
 - Fixed installation: 13D(Cable O.D.)
- 🌡️ **Temperature Range**
 - Flexing: -40° C ~ +150° C
- 🔥 **Flammability**
 - Flame-retardant according IEC 60332.1

YFFB Towing Flat Cable



cross section



Application Range

- Traveling cables suitable for crane equipment
- ground conveyor belt systems
- and crane control units

Product Structure

- Conductor: multi stranded oxygen free bare copper conductor
- PVC insulation: Special mixed PVC soft insulation
- Sheath: Special mixed elastomer PVC sheath
- Core structure: straight or plum blossom arrangement
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: UL758
- Conductor Conformity: GB/T 3956

Properties

- Characteristics: Working temperature does not exceed 150 °C
- Service life (number of runs): ≥ 3 million times

Technical Data



Rated Voltage

- U0/U 600/1000V



Bending Cycles and Operation Parameters

- Running speed: ≤ 180m/min
- Service life (number of runs): ≥ 3 million times



Minimum bending radius

- ≤ 7 x cable thickness



Temperature Range

- Temperature range: -5° C ~ +70° C

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
S2366104016001410BK	1.5	4	(17.0±1.0) × (7.5±1.0)	180
S2366106016001410BK	1.5	6	(25.0±1.0) × (9.0±1.0)	314
S2366108016001410BK	1.5	8	(35.0±1.0) × (9.0±1.0)	420
S2366104018001410BK	2.5	4	(19.7±1.0) × (7.8±1.0)	262
S2366106018001410BK	2.5	6	(29.5±1.0) × (9.5±1.0)	418
S2366108018001410BK	2.5	8	(37.0±1.0) × (9.5±1.0)	560

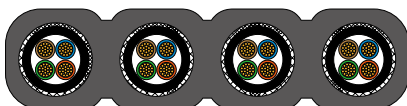
PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
S2366112018001410BK	2.5	12	(60.0±1.0) × (10.0±1.0)	890
S2366104019001410BK	4	4	(25.1±1.0) × (9.1±1.0)	389
S2366104020001410BK	6	4	(27.6±1.0) × (9.1±1.0)	510
S2366106020001410BK	6	6	(40.0±1.0) × (11.0±1.0)	707
S2366104021001410BK	10	4	(35.5±1.0) × (13.0±1.0)	777
S2366104022001410BK	16	4	(41.0±1.0) × (13.5±1.0)	1076

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YFFP Towing Flat Shielded Cable



cross section



Application Range

- Traveling cables suitable for crane equipment
- ground conveyor belt systems
- and crane control units

Product Structure

- Conductor: multi stranded oxygen free bare copper conductor
- PVC insulation: Special mixed PVC soft insulation
- Braiding: Copper sheildingnng braid enhances shielding
- Sheath: Special mixed elastomer PVC sheath
- Core structure: straight or plum blossom arrangement
- Color of core and sheath: As per customer's requirement
- Material of core and sheath: As per customer's requirement

Standards/Certification

- Norm Reference: UL758
- Conductor Conformity: GB/T 3956

Properties

- Characteristics: Working temperature does not exceed 150 °C
- Service life (number of runs): ≥ 3 million times

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
S2566104016001410BK	1.5	4	(20.0±1.0) × (8.5±1.0)	252
S2566106016001410BK	1.5	6	(29.0±1.0) × (10.0±1.0)	391
S2566108016001410BK	1.5	8	(39.0±1.0) × (10.0±1.0)	503
S2566104018001410BK	2.5	4	(23.0±1.0) × (8.8±1.0)	345
S2566106018001410BK	2.5	6	(33.5±1.0) × (10.5±1.0)	513
S2566108018001410BK	2.5	8	(42.0±1.0) × (10.5±1.0)	695

■ Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please specify the preferred type of packaging (e.g. 1 × 500 m drum or 5 × 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.

PLN	cross ectional (mm ²)	AWG	APP.OD (mm)	APP.W (kg/km)
S2566112018001410BK	2.5	12	(68.0±1.0) × (11.0±1.0)	1072
S2566104019001410BK	4	4	(28.5±1.0) × (10.0±1.0)	480
S2566104020001410BK	6	4	(31.0±1.0) × (11.5±1.0)	618
S2566104021001410BK	10	4	(35.5±1.0) × (14.0±1.0)	944
S2566104022001410BK	16	4	(44.0±1.0) × (14.5±1.0)	1278



FEYNMAN[®]
CABLE

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