

FEYindustrial®

INDUSTRIAL AUTOMATION
MORE CONVENIENT AND RELIABLE

INDUSTRIAL CABLE CATALOG Version 1.0

FEYindustrial®

FEYindustrial GmbH

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Germany

http://www.feyindustrial.de

Company Profile

Feyindustrial is committed with his international team and global manufacturing to ensure the German quality and design. Our mission, devoted to providing professional data cable of generic cabling system、industrial cable and component products' R&D、production、sales and services.

Feyindustrial is a high-tech enterprise specializing in R&D and manufacturing data cables, industrial cables and connection components. The international R&D center and has engineers with over of expierence 10 year. 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.

Feyindustrial 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 years, 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 , industrial ethernet , special automation equipment, bus cables and special applications cables as weill as solar cables.





High Monthly Capacity



Brilliant legacy

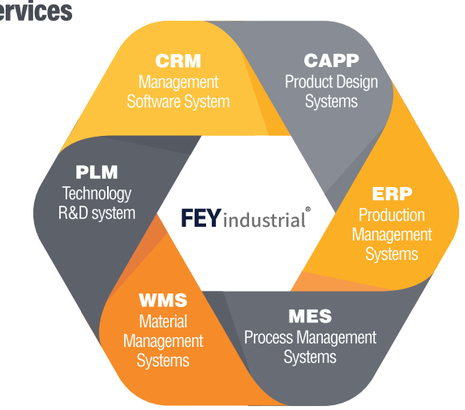


Plant area

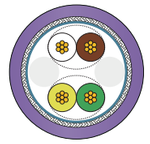


R&D team

FEYindustrial® Cloud Services



FEYbusline Canbus Cable 2P×22AWG



FEYbusline® Canbus Cable 2P×22AWG

Connductor:Stranded Tinned copper
Insulation:Foam-PE
Shield:Tinned copper braid
Out Jacekt Color:Purple (RAL 4005)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBCB0222AU	2Px22AWG(7/0.25)	/	PUR	0.9	8.5	71

FEYbusline Canbus Cable (1P+1C) x20AWG



FEYbusline® Canbus Cable (1P+1C) x20AWG

Connductor:Stranded Tinned copper
Insulation:Foam-PE&HDPE
Shield:Tinned copper braid
Out Jacekt Color:Blue RAL-5012

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBCB1120AV	(1P+1C) x20AWG(19/0.185)	/	PVC	0.9	8.5	66

FEYbusline Canbus Cable 1Px20AWG



FEYbusline® Canbus Cable 1Px20AWG

Connductor:Stranded Tinned copper
Insulation:Foam-PE
Shield:Tinned copper braid
Out Jacekt Color:Blue RAL-5012

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBCB0120AV	1Px20AWG(19/0.185)	/	PVC	0.75	7.5	74

FEYbusline Canbus Cable 1Px18AWG



FEYbusline® Canbus Cable 1Px18AWG

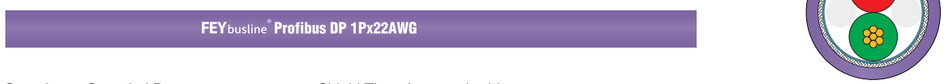
Connductor:Stranded Tinned copper
Insulation:Foam-PE
Shield:Tinned copper braid
Out Jacekt Color:Blue RAL-5012

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBCB0118AV	1Px18AWG(19/0.23)	/	PVC	1.0	8.6	75

Application Range:

used in industrial motion control systems, assembly/welding/material handling machines, multi-input sensor blocks, smart sensors, pneumatic valves, barcode readers, drives and operator interfaces, as well as for fixed installation and occasional motion in industrial circuits

FEYbusline Profibus DP 1Px22AWG



Conductor:Stranded Bare copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacekt Color:Purple (RAL 4005)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBDP0122AV.1	1Px22AWG(7/0.25)	/	PVC	1.1	8.0	76

FEYbusline Profibus PA 1Px18AWG

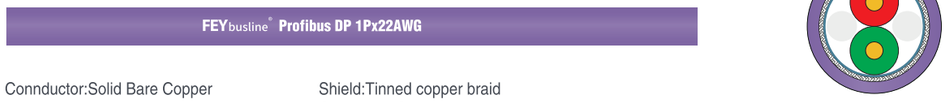


Conductor:Stranded Tinned Copper
Insulation:Foam-PE&HDPE

Shield:Tinned copper braid
Out Jacket Color:Blue (RAL 5015)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBPA0118AV.1	1Px18AWG(37/0.18)	/	PVC	0.95	7.6	77

FEYbusline Profibus DP 1Px22AWG



Conductor:Solid Bare Copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacket Color:Purple (RAL 4005)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBDP0122AV.2	1Px22AWG 1x0.65	/	PVC	1.1	7.8	78

FEYbusline Profibus PA 1Px18AWG



Conductor:Solid Tinned Copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacket Color:Blue (RAL 5015)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBPA0118AV.2	1Px18AWG(1/1.05)	/	PVC	0.97	7.6	79

Application Range:

Used in industrial automation, process control systems, discrete manufacturing lines, heavy machinery motion control, distributed I/O modules, smart field devices (sensors, actuators, transmitters), conveyor systems, packaging machinery, energy management platforms, and factory-wide integration of PLCs, HMIs, and industrial controllers.

FEYetherline Profinet Type A





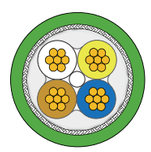
Conductor: solid Bare Copper
Insulation: HDPE

Shield: Tinned copper braid
Out Jacekt Color: green (RAL 6018)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBNA0422AV	4x22AWG (1/0.65)	PVC	PVC	0.9	6.5	80

FEYetherline Profinet Type B





Conductor: Stranded Tinned Copper
Insulation: HDPE

Shield: Tinned copper braid
Out Jacket Color: green (RAL 6018)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBNB0422AV	4x22AWG (7/0.25)	PVC	PVC	0.8	6.5	65
FIBNB0422AU	4x22AWG (7/0.25)	NHFR	PUR	0.9	6.5	60

FEYetherline Profinet Type C





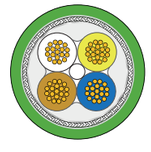
Conductor: Stranded Tinned Copper
Insulation: HDPE

Shield:Tinned copper braid
Out Jacket Color: green (RAL 6018)

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBNC0422AV	4x22AWG (19/0.15)	NHFR	PVC	0.9	6.5	63
FIBNC0422AU.1	4x22AWG (19/0.15)	NHFR	PUR	0.9	6.5	60
FIBNC0422AU.2	4x22AWG (19/0.10)	/	PUR	0.9	4.9	31

FEYetherline Profinet Type R





Conductor: Stranded Tinned Copper
Insulation: HDPE

Shield:Tinned copper braid
Out Jacket Color: green (RAL 6018)

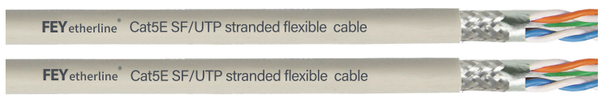
Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBNR0422AU	4x22AWG (19/0.15)	NHFR	PUR	0.9	6.5	68

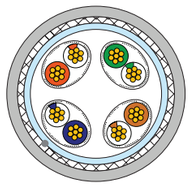
Application Range

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.
(A/B)Particularly suitable for stationary applications.
(C)Suitable for drag chain applications or frequent movements
(R)Especially suitable for 3D motion of industrial robots.

FEYetherline Ethernet Cable

Cat5E SF/UTP stranded flexible cable



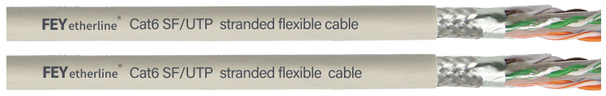


Connductor:Srranded Bare Copper
Insulation:HDPE

Shield:Tinned copper braid
Out Jacket Color:Per Customer request

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cabe Weight (Kg/Km)
FIB0426ASC5EV.1	4x2x26AWG/7	/	PVC	0.65	6.1	43.0
FIB0426ASC5EL.1	4x2x26AWG/7	/	LSZH	0.65	6.1	43.5
FIB0426ASC5EU.1	4x2x26AWG/7	/	PUR	0.80	6.6	46.6
FIB0426ASC5EV.2	4x2x26AWG/19	/	PVC	0.65	6.1	43.7
FIB0426ASC5EL.2	4x2x26AWG/19	/	LSZH	0.55	6.1	44.3
FIB0426ASC5EU.2	4x2x26AWG/19	/	PUR	0.80	6.6	47.3

Cat6 SF/UTP stranded flexible cable





Connductor:Srranded Bare Copper
Insulation:HDPE

Shield:Tinned copper braid
Out Jacket Color:Per Customer request

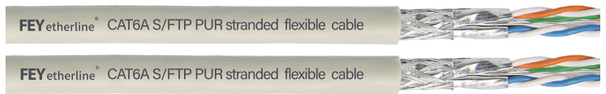
Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIB0426ASC6V.1	4x2x26AWG/7	/	PVC	0.65	7.0	54.3
FIB0426ASC6L.1	4x2x26AWG/7	/	LSZH	0.65	7.0	55.0
FIB0426ASC6U.1	4x2x26AWG/7	/	PUR	0.80	7.2	50.8
FIB0426ASC6V.2	4x2x26AWG/19	/	PVC	0.65	7.0	55.0
FIB0426ASC6L.2	4x2x26AWG/19	/	LSZH	0.65	7.0	55.7
FIB0426ASC6U.2	4x2x26AWG/19	/	PUR	0.80	7.2	51.4

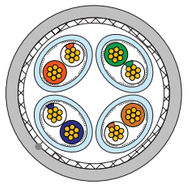
Application Range

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.
Suitable for both fixed installation and flexible movement.

FEYindustrial®

CAT6A S/FTP stranded flexible cable



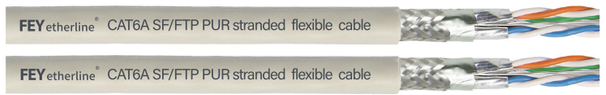


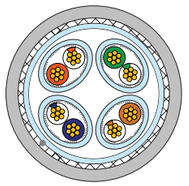
Connductor:Stranded Bare Copper
Insulation:Skin Foam Skin PE

Shield:Tinned copper braid
Out Jacket Color:Per Customer request

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIB0426APC6AV	4x2x26AWG/7	/	PVC	0.55	6.3	47.4
FIB0426APC6AL	4x2x26AWG/7	/	LSZH	0.55	6.3	48.0
FIB0426APC6AU	4x2x26AWG/7	/	PUR	0.60	6.4	46.0

CAT6A SF/FTP stranded flexible cable





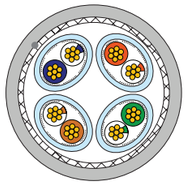
Connductor:Stranded Bare Copper
Insulation:Skin Foam Skin PE

Shield:Tinned copper braid
Out Jacket Color:Per Customer request

Product Code	Product Specification	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIB0426AIC6AU	4x2x26AWG/7	/	PUR	1.3	7.8	69.0

CAT7 S/FTP stranded flexible cable





Connductor:Stranded Bare Copper
Insulation:Skin Foam Skin PE

Shield:Tinned copper braid
Out Jacket Color:Per customer request

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIB0426APC7V	4x2x26AWG/7	/	PVC	0.55	6.3	47.4
FIB0426APC7L	4x2x26AWG/7	/	LSZH	0.55	6.3	48.0
FIB0426APC7U	4x2x26AWG/7	/	PUR	0.60	6.4	46.0

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.
Suitable for both fixed installation and flexible movement.

FEYetherline SPE A

FEYetherline® SPE A



Connductor:Solid Bare Copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacket Color:Blue

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBSA0118AL	1Px18AWG (1/1.08)	/	LSZH	0.5	6.9	57

FEYetherline SPE A

FEYetherline® SPE A



Connductor:Solid Bare Copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacket Color:Blue

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBSA0123AL	1Px23AWG（1/0.58）	/	LSZH	0.55	4.4	24

FEYetherline SPE B

FEYetherline® SPE B



Connductor:Stranded Bare copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacket Color:Blue

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBSB0118AL	1Px18AWG (7/0.4)	/	LSZH	0.5	6.9	58

FEYetherline SPE B

FEYetherline® SPE B



Connductor:Srranded bare copper
Insulation:Foam-PE

Shield:Tinned copper braid
Out Jacekt Color:Blue

Product Code	Product Specifications	Inner Jacket	Out Jacket	Jacket Thickness Nominal (mm)	Nominal Outside Diameter (mm)	Cable Weight (Kg/Km)
FIBSB0123AL	1Px23AWG（7/0.23）	/	LSZH	0.45	4.6	24

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.

FEYindustrial®

FEYetherline RJ45 Connectors

Product Features:

- Exclusive PCB design, low attenuation, high return loss, effective EMI/RFI interference suppression
- Integral zinc alloy shielding, industry standard compliant
- T568A/T568B compatible, clear color coding
- Robust corrosion-resistant phosphor bronze IDC, supports over 250 terminations
- Phosphor bronze contacts with 30μ" gold plating, 1000 mating cycles durability
- Tail with multi-spec cable locks, fits 6.0-8mm OD cables

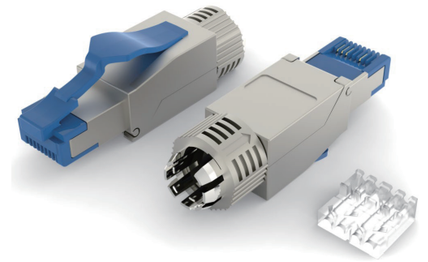


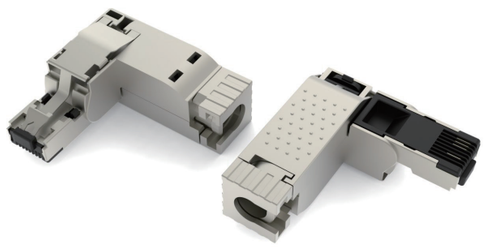
Cat6A Shielded

These industrial shielded 4-core RJ45 connectors are compliant with industrial Ethernet application systems. Equipped with a rugged metal housing and an FC connection system, they deliver reliable connectivity and high stability for robust, consistent industrial Ethernet connections. Ideal for on-site maintenance and servicing, the connectors can be installed without any special tools.

4-Core Shielded

This CAT6A field-mount plug exceeds the performance specifications of all Cat 6A components. It is compliant with 10-Gigabit Ethernet systems and ideal for communication outlet connections between equipment rooms and work areas, delivering an available bandwidth of up to 550 MHz.





4-Core Shielded L-Type

This CAT6A field-mount plug exceeds the performance specifications of all Cat 6A components. It is compliant with 10-Gigabit Ethernet systems and ideal for communication outlet connections between equipment rooms and work areas, delivering an available bandwidth of up to 550 MHz.

4-Core Shielded

This CAT6A field-mount plug exceeds the performance specifications of all Cat 6A components. It is compliant with 10-Gigabit Ethernet systems and ideal for communication outlet connections between equipment rooms and work areas, delivering an available bandwidth of up to 550 MHz.



FEYbusline Canbus System

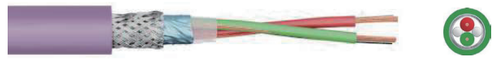


FEYbusline Canbus Connector



Application Scenarios:
Automotive control systems (engine, ABS, body electronics), construction machinery (excavators, cranes), industrial field devices (sensors, actuators) requiring real - time, low - bandwidth data transmission.

FEYbusline Profibus System



FEYbusline Profibus Connector



Application Scenarios:
Industrial automation production lines, PLC - HMI communication, process control systems (chemical, power plants) for long - distance, high - reliability data exchange

FEYetherline Profinet System



FEYetherline Profinet Connector



Application Scenarios:
Smart factory Ethernet - based control networks, CNC machine tools, robot systems, real - time motion control, and device interoperability in industrial IoT.

FEYetherline SPE System



FEYetherline SPE Connector



Application Scenarios:
Industrial field edge devices (sensors, actuators), automotive Ethernet (infotainment, ADAS), building automation, enabling power and data transmission over a single pair of wires.

FEYetherline Ethernet System



Application Scenarios:
General industrial data networks, office communication, video surveillance, non - real - time data transmission between factory management layers and field devices.

FEYetherline Industrial Cords









Product Summary

FEYbusline	Canbus	FEYbusline Canbus Cable 2P×22AWG PUR
		FEYbusline Canbus Cable (1P+1C)×20AWG PVC
		FEYbusline Canbus Cable 1P×20AWG PVC
		FEYbusline Canbus Cable 1P×18AWG PVC
	Profibus	FEYbusline Profibus DP 1Px22AWG 7×0.25mm PVC
		FEYbusline Profibus PA 1Px18AWG 37×0.18mm PVC
		FEYbusline Profibus DP 1Px22AWG 1×0.65mm PVC
		FEYbusline Profibus PA 1Px18AWG 1×1.05mm PVC
FEYetherline	Profinet	FEYetherline Profinet Type A 4C×22AWG 1×0.65mm PVC
		FEYetherline Profinet Type B 4C×22AWG 7×0.25mm PVC
		FEYetherline Profinet Type B 4C×22AWG 7×0.25mm PUR
		FEYetherline Profinet Type C 4C×22AWG 19×0.15 PVC
		FEYetherline Profinet Type C 4C×22AWG 19×0.15 PUR
		FEYetherline Profinet Type C 4C×22AWG 19×0.10 PUR
		FEYetherline Profinet Type R 4C×22AWG 19×0.15 PUR
	Ethernet	CAT5E 4P 26AWG 7/0.16mm SF/UTP PVC
		CAT5E 4P 26AWG 7/0.16mm SF/UTP LSZH
		CAT5E 4P 26AWG 7/0.16mm SF/UTP PUR
		CAT5E 4P 26AWG 19/0.1mm SF/UTP PVC
		CAT5E 4P 26AWG 19/0.1mm SF/UTP LSZH
		CAT5E 4P 26AWG 19/0.1mm SF/UTP PUR
		CAT6 4P 26AWG 7/0.16mm SF/UTP PVC
		CAT6 4P 26AWG 7/0.16mmSF/UTP LSZH
		CAT6 4P 26AWG 7/0.16mm SF/UTP PUR
		CAT6 4P 26AWG 19/0.1mm SF/UTP PVC
		CAT6 4P 26AWG 19/0.1mm SF/UTP LSZH
		CAT6 4P 26AWG 19/0.1mm SF/UTP PUR
		CAT6A 4P 26AWG 7/0.16mm S/FTP PVC
		CAT6A 4P 26AWG 7/0.16mm S/FTP LSZH
		CAT6A 4P 26AWG 7/0.16mm S/FTP PUR
		CAT6A 4P 26AWG 7/0.16mm SF/FTP PUR
		CAT7 4P 26AWG 7/0.16mm S/FTP PVC
		CAT7 4P 26AWG 7/0.16mm S/FTP LSZH
		CAT7 4P 26AWG 7/0.16mm S/FTP PUR
	SPE	FEYetherline SPE A 1P×18AWG LSZH 1×1.08 LSZH
		FEYetherline SPE A 1P×23AWG LSZH 1×0.58 LSZH
		FEYetherline SPE B 1P×18AWG LSZH 7×0.4 LSZH
		FEYetherline SPE B 1P×23AWG LSZH 7×0.23 LSZH