

FOC-SJ:A-ST:A-HB02/0,8 - FO patch cable



1424189

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Assembled FO cable, PROFINET cable type B, 200/230 μm PCF fiber, SC-RJ/IP20 to BFOC(ST)/IP20, PVC outer sheath, halogen-free, ozone and UV-resistant, for fixed indoor installation, length: 0.8 m

Your advantages

- Reliable even in EMC-sensitive applications
- Fast data transmission for demanding applications
- Flexible installation, thanks to PVC outer sheath
- Including individual test report
- Universal installation cables for fixed installation indoors and outdoors (direct underground installation not permitted)
- 2.2 mm single-core wires made from extremely hard-wearing polyvinyl chloride (PVC)
- PROFINET type B for flexible use
- Robust cable for use in harsh environments
- Halogen-free, ozone, and UV resistant

Commercial data

Item number	1424189
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNIBB
GTIN	4055626373096
Weight per piece (including packing)	60.8 g
Weight per piece (excluding packing)	60.8 g
Customs tariff number	85447000
Country of origin	DE

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Technical data

Product properties

Product type	Data cable preassembled
Application	Standard
Number of positions	2

Electrical properties

Attenuation	≤ 2 dB (at 650 nm)
	≤ 1.5 dB (with 850 nm)
Transmission medium	PCF fiber
Transmission speed	100 Mbps

Mechanical properties

Tensile strength short-term/long-term	800 N / 100 N
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Material specifications

Ferrule material	Zirconia ceramics
Outer sheath, material	PVC

Dimensions

External dimensions

External diameter min.	6.7 mm
External diameter max.	7.7 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Connector

Connection 1

Type	Plug straight SC-RJ
Degree of protection	IP20 (SC-RJ)

Connection 2

Type	Plug straight B-FOC (ST)
Degree of protection	IP20

Cable/line

Cable length	0.80 m
Cable weight	45 kg/km
Short symbol	AT-V(ZN)YY 2K200/230 HCS
External cable diameter	7.2 mm
Outer sheath, material	PVC
External sheath, strain relief elements	Non-metallic, aramide fiber

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Single wire, number of litz wires	2
Single wire, material	PVC
Individual wire diameter	2.2 mm ±0.1 mm
Tensile strength short-term/long-term	800 N / 100 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	70 mm (Short-term)
	70 mm (Short-term)
660 nm	10 dB/km
850 nm	8 dB/km
Resistance to oil	very good oil and chemical resistance
Behavior in fire	Flame-resistant as per IEEE and IEC 60 332-3 test type C

FO cable

Number of fibers	2
Fiber	200/230 µm
Fiber type	PCF fiber A3C
Cable, attenuation	10 dB/km (650 nm), 8 dB/km (at 850 nm)
Transmission medium	PCF fiber

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20, IP20
Ambient temperature (operation)	-30 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Resistance to oil	yes

Standards and regulations

Flame resistance	yes, in accordance with IEC 60332-1-2 and in accordance with IEC 60332-3-22 Cat A
Resistance to oil	yes

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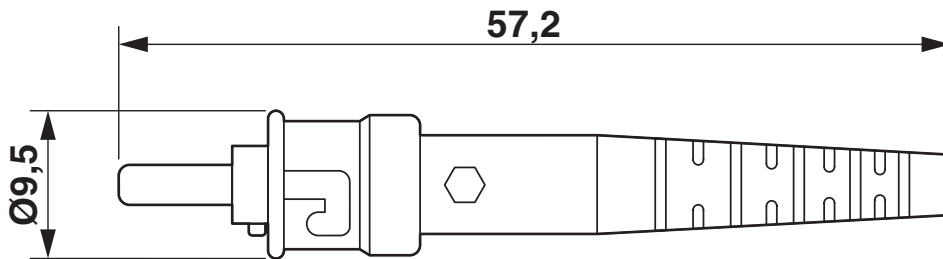


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Drawings

Dimensional drawing



ST simplex connector, IP20

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Classifications

ECLASS

ECLASS-13.0

27061003

ETIM

ETIM 9.0

EC002607

UNSPSC

UNSPSC 21.0

26121600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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