

FOC-SJ:14-SJ:14-HB02/3,5PR L04 - FO patch cable



1171602

<https://www.phoenixcontact.com/us/products/1171602>

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Assembled FO cable, PROFINET cable type B, 200/230 µm PCF fiber, SC-RJ/IP67 push-pull metal housing to BFOC(ST)/IP20, PVC outer sheath, halogen-free, ozone- and UV-resistant, in conduit, for fixed indoor installation, length: 3.5 m



Your advantages

- High degree of reliability, thanks to the exceptional quality
- 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)
- Additional line protection thanks to protective tube
- PROFINET type B for flexible use
- Robust cable for use in harsh environments

Commercial data

Item number	1171602
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOBS
GTIN	4063151196639
Weight per piece (including packing)	503 g
Weight per piece (excluding packing)	496.341 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

Interfaces

Signal type/category	Ethernet, 100 Mbps
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Electrical properties

Transmission medium	PCF fiber
Transmission speed	100 Mbps
Transmission speed	100 Mbps

Dimensions

Mechanical characteristics

Ferrule diameter	2.50 mm
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Connector

Connection 1

Type	Plug straight Push-pull version 14
Degree of protection	IP65/IP67 (Push-Pull ADVANCE)

Connection 2

Type	Plug straight Push-pull version 14
Material	Zinc die-cast (nickel-plated)
Degree of protection	IP65/IP67

Cable/line

Cable length	3.50 m
Cable weight	45 kg/km
External cable diameter	8.00 mm ±0.5 mm
Outer sheath, material	TPE-U
External sheath, color	orange
Thickness, outer sheath	1 mm
Conductor structure signal line	500.00 µm ±30 µm
Thickness, insulation	approx. 0.60 mm
Wire diameter incl. insulation	2.9 mm ±0.1 mm
Single wire, color	red, green
Smallest bending radius, fixed installation	65 mm
Smallest bending radius, movable installation	65 mm
Halogen-free	According to IEC 60754-2

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Resistance to oil	DIN VDE 0473, T. 811-2-1
Other resistance	Ozone and UV resistant

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700
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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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