

FO connecting cable - FOC-PN-B-1000/M12-C/M12-C/5 - 1416680

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Assembled FO cable, round cable, 980/1000 µm POF fiber, M12 FO to M12 FO, for installation inside buildings, length: 5 m

POF cable, assembled with M12 connectors to M12

Product Description


POF cable, assembled with M12 connectors to M12

Your advantages

- ✓ 2.2 mm individual wires made from extremely hard-wearing polyamide (PA)
- ✓ Assembled patch cable with test report
- ✓ M12-OPTIC with recessed ferrules to protect against damage
- ✓ optimized polishing for even better attenuation values
- ✓ Rugged polyurethane (PUR) outer sheath
- ✓ Highly tear-resistant aramid strain relief elements
- ✓ Pin connector pattern in accordance with DIN/IEC 61754-27
- ✓ Included in PROFINET planning guideline (v1.14)
- ✓ Robust connector, IP65/IP67
- ✓ Can be used in 10/100 Mbps Ethernet systems
- ✓ Halogen-free, ozone, and UV resistant



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 480772
GTIN	4046356480772

Technical data

Mechanical characteristics

Connection method	M12 circular connector
Weight	372.92 g

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Technical data

Mechanical characteristics

Flammability rating according to UL 94	V0
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Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Degree of protection	IP65
	IP67

Standards and Regulations

Impact strength	2 Nm / 10 x
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27061000
eCl@ss 6.0	27061000
eCl@ss 7.0	27061090
eCl@ss 8.0	27061003
eCl@ss 9.0	27061003

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Classifications

ETIM

ETIM 3.0	EC000034
ETIM 4.0	EC000034
ETIM 5.0	EC001263
ETIM 6.0	EC001263
ETIM 7.0	EC001263

UNSPSC

UNSPSC 6.01	30211832
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	26121607
UNSPSC 18.0	26121607
UNSPSC 19.0	26121607
UNSPSC 20.0	26121607
UNSPSC 21.0	26121607

Accessories

Accessories

Circular connectors (device side)

FO transceiver - SACFO-T-MNNA-M16-650-S - 1416716



M12 FO transceiver, duplex, wavelength: 650 nm for 125 Mbps, for POF and PCF fiber, for PCB mounting, M16 fastening thread, with sealing cap, including I²C interface for transceiver monitoring and management

Data plug

Fiber optic coupling - SACFO-J-MNNA-2 - 1416677



Fiber optics coupling M12, duplex, suitable for all fibers, with wall bracket, IP65 degree of protection

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Accessories

Fiber optic contact insert - FOC-M12-RS-POF - 1406421



Replacement ferrule set (10 pcs.) for M12 POF fiber optic connector (Order No. 1416606)

Spare parts

Fiber optic contact insert - FOC-M12-RS-POF - 1406421



Replacement ferrule set (10 pcs.) for M12 POF fiber optic connector (Order No. 1416606)

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