PSM-SET-FSMA/4-KT - FO connectors

2799720

https://www.phoenixcontact.com/us/products/2799720

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FO connectors, degree of protection: IP20, number of positions: 2, MM, material: Metal, cable outlet: straight



Your advantages

- Suitable for quick and easy field assembly or repair
- No bonding or polishing
- Flexible application, thanks to reusable connectors
- Outstanding transmission properties
- Robust connector

Commercial data

Item number	2799720
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAA
Catalog page	Page 376 (C-2-2019)
GTIN	4017918156053
Weight per piece (including packing)	33.6 g
Weight per piece (excluding packing)	32.3 g
Customs tariff number	85367000
Country of origin	PL

Technical data

Product properties

Product type	Data connector (cable side)
Type	FSMA
Number of positions	2
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Attenuation	< 1.5 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal

Cable/line

Cable type	Plastic-coated fiber
External cable diameter	2.2 mm ... 2.2 mm
Individual wire diameter	2.2 mm
Resistance to oil	yes
Flame resistance	yes

FO cable

Fiber	980/1000 µm
Fiber type	POF

Characteristics

Attenuation	< 1.5 dB (Insertion attenuation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	yes

Standards and regulations

Flame resistance	yes
Resistance to oil	yes

Mounting

Mounting type	For field assembly

Classifications

ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

ETIM

ETIM 9.0	EC001122

UNSPSC

UNSPSC 21.0	43223300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

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

EU REACH SVHC

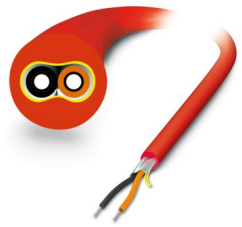
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Accessories

PSM-LWL-KDHEAVY-980/1000 - FO cable

2744319

https://www.phoenixcontact.com/us/products/2744319

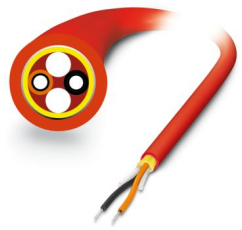


Polymer fiber cable, duplex 980 µm/1000 µm, medium-weight version for installation in stationary systems and machines, by the meter without male connector

PSM-LWL-RUGGED-980/1000 - FO cable

2744322

https://www.phoenixcontact.com/us/products/2744322



Polymer fiber cable, duplex 980µm/1000µm, heavy-weight version for installation in stationary systems and machines, by the meter without male connector

PSM-LWL-RUGGED-FLEX-980/1000 - FO cable

2744335

https://www.phoenixcontact.com/us/products/2744335



Polymer fiber cable, duplex 980/1000 µm, heavy-weight, highly flexible version for flexible conduit applications, by the meter, without connector

PSM-POF-KONFTOOL - Assembly tool

2744131

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Polymer fiber DIY case, consisting of: Stripping knife, stripping pliers, polishing wheels for F-SMA and SC-RJ quick mounting connectors, polishing pad and emery paper

FL FOC PN-B-980/1000 - FO cable

2313397

https://www.phoenixcontact.com/us/products/2313397



PROFINET polymer fiber cable, duplex 980 µm/1000 µm, heavy-weight design, for installation in stationary systems and machines, by the meter, without male connector

FL FOC PN-C-FLEX-980/1000 - FO cable

2313407

https://www.phoenixcontact.com/us/products/2313407

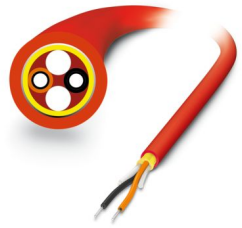


PROFINET polymer fiber cable, duplex, 980/1000 µm, heavy-weight highly flexible design, for flexible cable conduit applications, by the meter, without connector

FOC-RUGGED-1012/IP20/... - FO patch cable

2901548

https://www.phoenixcontact.com/us/products/2901548



Robust POF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines with individual elements made of polyamide (PA), halogen-free, ozone and UV resistant, with reinforced polyurethane (PUR) outer sheath

FOC-RUGGED-FLEX-1013/IP20/... - FO patch cable

2901549

https://www.phoenixcontact.com/us/products/2901549



Highly flexible POF round cable (IP20 heads only) for use in drag chains. Individual elements made from extremely wear-resistant polyamide (PA). The cable is halogen-free, ozone and UV resistant, and has a rugged polyurethane (PUR) outer sheath.

FOC-PN-B-1000/IP20/... - FO patch cable

2901551

https://www.phoenixcontact.com/us/products/2901551



POF PROFINET installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, individual elements of polyamide (PA), halogen-free, ozone- and UV-resistant, with reinforced polyurethane (PUR) outer sheath

FOC-PN-C-1003/IP20/? - FO patch cable

2901552

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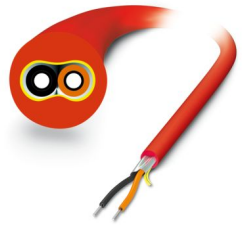


Highly flexible POF PROFINET cable (IP20 heads only) for use in drag chains. Individual elements made from extremely wear-resistant polyamide (PA). The cable is halogen-free, ozone and UV resistant, and has a rugged polyurethane (PUR) outer sheath.

FOC-KDHEAVY-1011/IP20/... - FO patch cable

2901553

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POF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines with individual elements made of polyamide (PA), halogen-free, ozone and UV resistant, with a polyurethane (PUR) outer sheath

PSM-SET-FSMA-LINK/2 - Fiber optic coupling

2799416

https://www.phoenixcontact.com/us/products/2799416

Coupling; set consisting of 2 couplings for connecting F-SMA plugs



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