

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	AB15
Product Key	ABNIAA
Catalog Page	Page 376 (C-2-2019)
GTIN	4017918156053
Weight per Piece (including packing)	35 g
Weight per Piece (excluding packing)	32.3 g
Customs tariff number	85367000
Country of origin	PL

Technical Data

Product properties

Type	FSMA
Product type	Data connector (cable side)
Number of positions	2
Locking type	Screw locking
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)
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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

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Standards and regulations

Flame resistance	yes
Resistance to oil	yes

Mounting

Mounting type	For field assembly
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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2799720>



EAC

Approval ID: B.01687

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001122
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UNSPSC

UNSPSC 21.0	43223300
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Environmental Product Compliance

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

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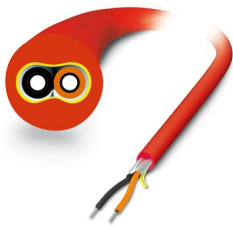
<https://www.phoenixcontact.com/us/products/2799720>

Accessories

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

2744319

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

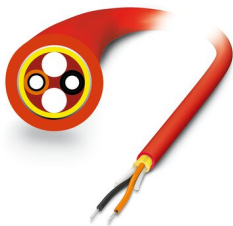


Polymer fiber cable, duplex 980 μm /1000 μm , medium-weight version for installation in stationary systems and machines, by the meter without male connector

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

2744322

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

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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

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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

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

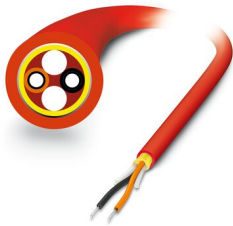
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FOC-RUGGED-1012/IP20/... - FO patch cable

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

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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.

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

2901551

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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.

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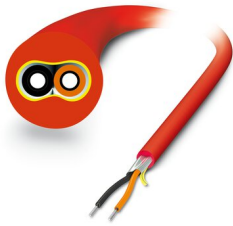
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FOC-KDHEAVY-1011/IP20/... - FO patch cable

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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