

PSM-SET-SCRJ-DUP/2-POF - FO connectors



2708656

<https://www.phoenixcontact.com/us/products/2708656>

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FO connectors, degree of protection: IP20, number of positions: 2, MM, material: Metal, connection method: Push-pull, cable outlet: straight



Product Description

SC-RJ fiber optic connector, IP20, duplex, with fast connection technology, for polymer fiber 980/1000 µm, for individual wire diameter 2.2 mm

Your advantages

- Compact design, thanks to SC-RJ pin connector pattern
- Outstanding transmission properties
- Suitable for quick and easy field assembly or repair
- No bonding or polishing
- Flexible application, thanks to reusable connectors

Commercial Data

Item number	2708656
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	AB15
Product Key	ABNIAA
Catalog Page	Page 379 (C-8-2015)
GTIN	4046356123327
Weight per Piece (including packing)	37.42 g
Weight per Piece (excluding packing)	19.4 g
Customs tariff number	85366990
Country of origin	DE

Technical Data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.3 Connectors for inside environment (optical fibre)
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Product properties

Type	SC-RJ
Product type	Data connector (cable side)
Number of positions	2
Connection profile	SC-RJ
Application	neutral
Type	SC-RJ
Locking type	Push Pull
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

Connection data

Connection technology

Connection method	Push-Pull
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Material specifications

Flammability rating according to UL 94	V0
Housing surface material	nickel-plated
Housing material	Metal

Cable/line

Cable type	Plastic fiber
External cable diameter	2.2 mm ... 2.2 mm

FO cable

Number of fibers	2
Fiber	POF, PCF, GOF
Fiber type	GOF, PCF, POF
Transmission medium	FO

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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)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C

Mounting

Connection method	Push-Pull
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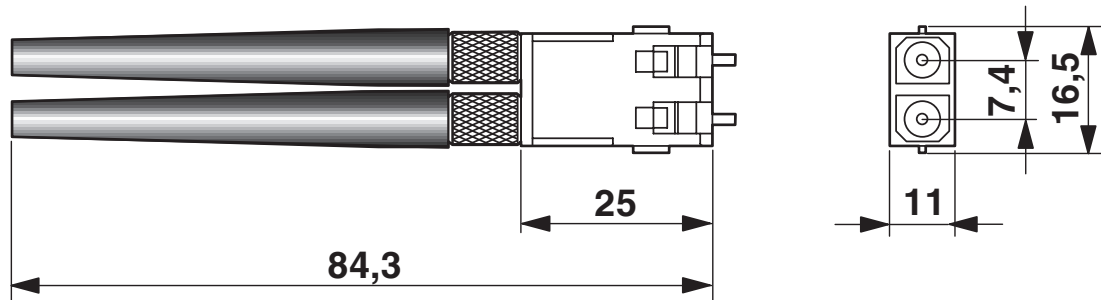


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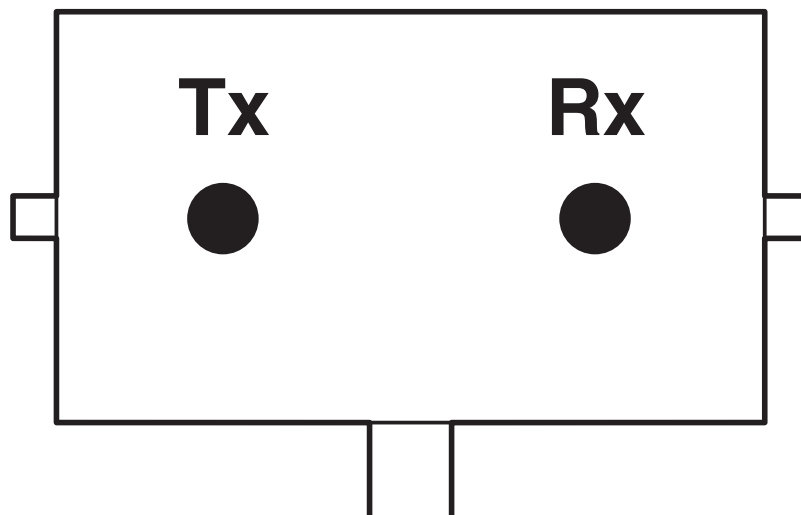
Drawings

Dimensional drawing



SC-RJ connector IP20

Schematic diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2708656>



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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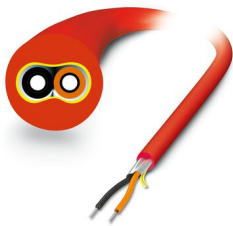
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Accessories

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

2744319

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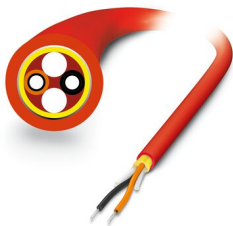


Polymer fiber cable, duplex 980 μm /1000 μm , medium-weight version for installation in stationary systems and machines, by the meter without male connector

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

2744322

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



Polymer fiber cable, duplex 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

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

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

2313407

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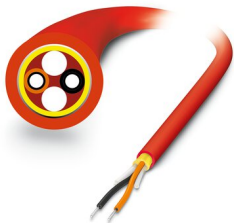


PROFINET polymer fiber cable, duplex, 980/1000 μm , heavy-weight highly flexible design, for flexible cable conduit applications, by the meter, without connector

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

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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

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

2901552

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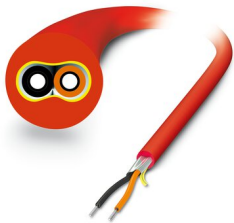


Highly flexible POF PROFINET cable (IP20 heads only) for use in drag chains. Individual elements made from extremely wear-resistant polyamide (PA). The cable is halogen-free, ozone and UV resistant, and has a rugged polyurethane (PUR) outer sheath.

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

2901553

<https://www.phoenixcontact.com/us/products/2901553>



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

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VS-SCRJ-GOF-BU/BU - SC-RJ female insert

1652978

<https://www.phoenixcontact.com/us/products/1652978>



SC-RJ socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers

FOC-TOOL-FERRULECLEANER-2.50 - FO accessories

1407029

<https://www.phoenixcontact.com/us/products/1407029>



2.50 mm ferrule cleaner, for ST, SC, FC, E2000 (also APC), approx. 500 cleaning cycles

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VS-SCRJ-POF-KONFTOOL-POLISH - FO accessories

1658820

<https://www.phoenixcontact.com/us/products/1658820>

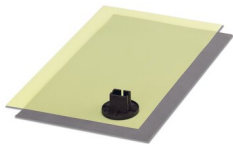


SC-RJ polishing tool set, for polymer fiber, for field assembly of the SC-RJ connector (IP20/IP67) with fast connection technology, with stripping tool, diagonal cutter, aramid scissors, polishing materials, microscope, 2x SC-RJ connector IP20

VS-SCRJ-POF-POLISH - FO accessories

1656673

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Refilling set for VS-SC-RJ-POF-KONFTOOL-POLISH, consisting of two polishing discs and a polisher

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