

# VS-PC-2XPOF-980-SCRJ/SCRJ-5 - FO connecting cable



1656479

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Assembled FO cable, breakout cable, 980/1000 µm polymer fiber, SC-RJ/IP20 to SC-RJ/IP20, for installation inside control cabinets, the cable is suitable for UV-protected outdoor use, length: 5 m

## Your advantages

- Reliable data transmission, thanks to high quality
- Fast data transmission for demanding applications
- Particularly suitable in EMC-sensitive applications
- Space savings in the control cabinet, thanks to SC-RJ connectors
- Preassembled patch cable for easy use

## Commercial data

Item number	1656479
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABN
Product key	ABNIBA
Catalog page	Page 214 (PC-2009)
GTIN	4046356029841
Weight per piece (including packing)	74.5 g
Weight per piece (excluding packing)	74.5 g
Customs tariff number	85447000
Country of origin	CZ

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## Technical data

### Product properties

Product type	Data cable preassembled
Sensor type	Ethernet
Number of positions	2
Connection profile	SCRJ in accordance with DIN EN 50377-6-1
Number of slots	2

### Electrical properties

Attenuation	< 2.5 dB (with 660 nm)
Transmission medium	FO

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 1000
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### Material specifications

Housing material	PBT
Contact material	Phosphor bronze
Outer sheath, material	PE

### Connection data

#### Connection technology

Connection method	POF SC-RJ
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#### Conductor connection

Connection method	POF SC-RJ
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### Connector

#### Connection 1

Type	Plug straight SC-RJ
Handle color	black
Insertion/withdrawal cycles	≥ 1000
Degree of protection	IP20

#### Connection 2

Type	Plug straight SC-RJ
Degree of protection	IP20

### Cable/line

Cable length	5.00 m
Cable type	Polymer fiber (980 / 1000 µm)

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Cable type	Break-out cable
Outer sheath, material	PE
External sheath, color	black
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	30 mm
Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 60 °C

## FO cable

Number of fibers	2
Fiber	Polymer fiber, 980/1000 µm
Fiber type	POF fiber A4A
Transmission medium	Multi-mode fiberglass

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 60 °C
	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C

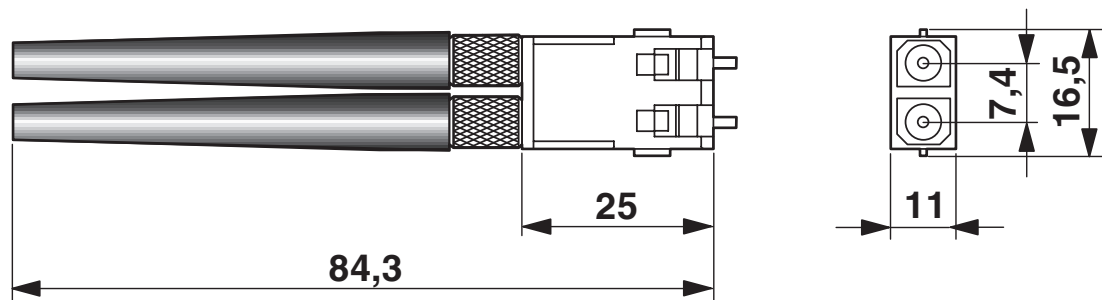
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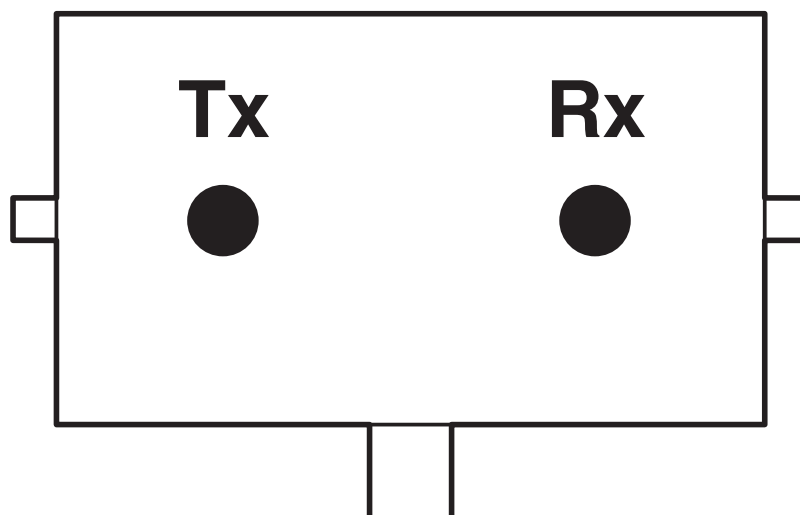
## Drawings

Dimensional drawing



SC-RJ connector, POD, IP20

Schematic diagram



Pin assignment plug SCRJ

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## Classifications

### ECLASS

ECLASS-11.0	27061003
ECLASS-12.0	27061003
ECLASS-13.0	27061003

### ETIM

ETIM 9.0	EC002607
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2c35bba3-c935-4b37-9fdd-b1fbbf8e4435

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## Accessories

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

1652978

<https://www.phoenixcontact.com/in/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

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### VS-PPC-F1-SCRJ-MNNA-1C-F - Panel-mount frame

1405235

<https://www.phoenixcontact.com/in/products/1405235>



Push-pull panel mounting frame, IP67, metal, with Freenet system, for round mounting cutout, with seal and SC-RJ coupling (for POF, PCF, and GOF)

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## FOC-V14-F1ZNI-EM/SJB - Panel-mount frame

1413964

<https://www.phoenixcontact.com/in/products/1413964>



SC-RJ panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. SC-RJ coupling

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## VS-A-F-IP67-BK - Panel-mount frame

1658668

<https://www.phoenixcontact.com/in/products/1658668>



Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: black



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## VS-PP-F-SCRJ - DIN rail adapter

1658121

<https://www.phoenixcontact.com/in/products/1658121>



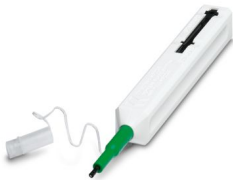
Patch panel, SC-RJ, DIN rail mounting, IP20, 1 slot, socket/socket, can be used for glass, multi-mode, PCF, and polymer fibers

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## FOC-TOOL-FERRULECLEANER-2.50 - FO accessories

1407029

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



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

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PHOENIX CONTACT (I) Pvt. Ltd.  
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420  
[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)