

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



1645741

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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: 2 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	1645741
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIBA
GTIN	4046356028653
Weight per piece (including packing)	47.9 g
Weight per piece (excluding packing)	47.9 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	< 1.9 dB (with 660 nm)
Transmission medium	FO

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 1000

Material specifications

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

Connection data

Connection technology	
Connection method	POF SC-RJ

Conductor connection	
Connection method	POF SC-RJ

Connector

Connection 1	
Type	Plug straight SC-RJ
Degree of protection	IP20

Connection 2	
Type	Plug straight SC-RJ
Degree of protection	IP20

Cable/line

Cable length	2.00 m
Cable type	Polymer fiber (980 / 1000 µm)
Cable type	Break-out cable
Outer sheath, material	PE

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1645741

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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) (Cable, fixed installation)	-20 °C ... 70 °C
Ambient temperature (operation) (Cable, flexible installation)	-20 °C ... 60 °C
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C

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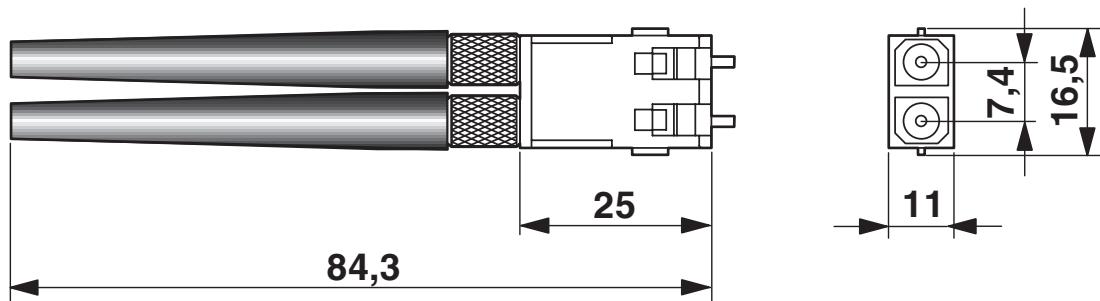


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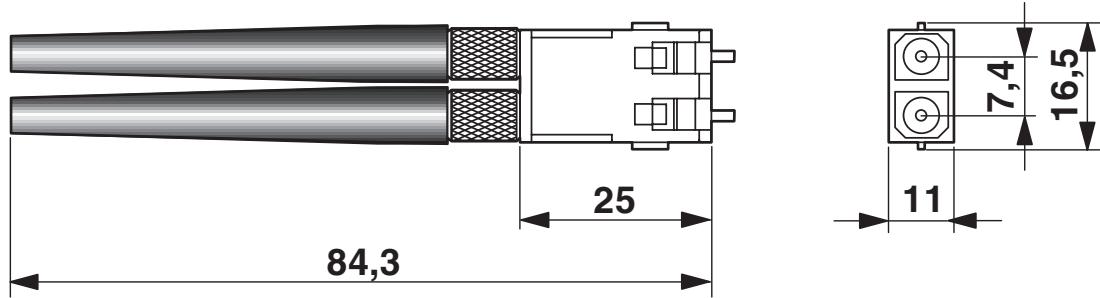
Drawings

Dimensional drawing



SC-RJ connector, POD, IP20

Dimensional drawing



SC-RJ connector, POD, IP20

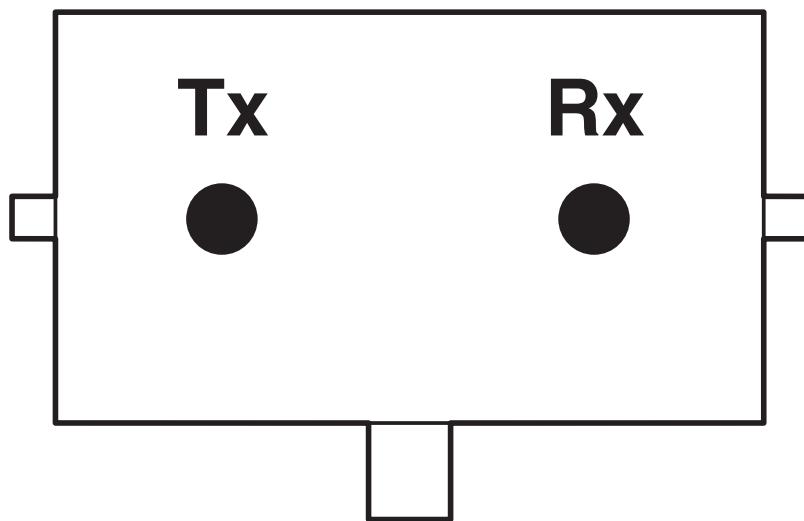
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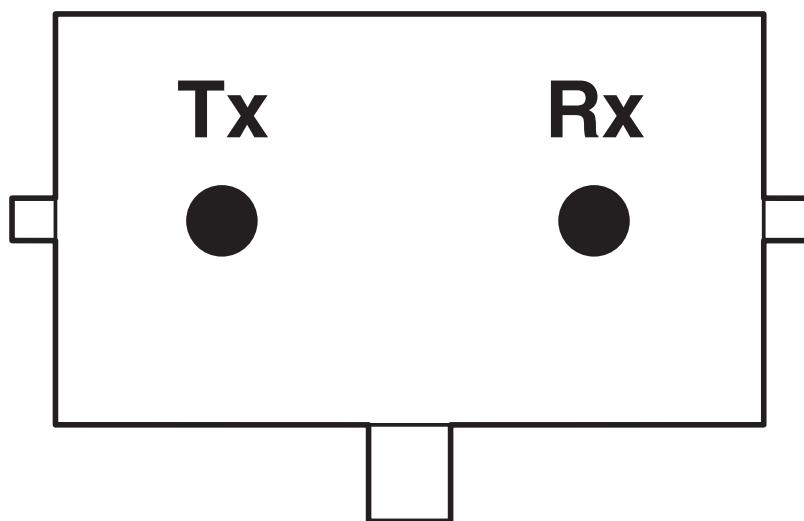
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Schematic diagram



Pin assignment plug SCRJ

Schematic diagram



Pin assignment plug SCRJ

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Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	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	4de37a2d-f256-4f17-8141-27a05fccece3

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