

# VS-PC-2X-POF-980-SCRJ/FSMA-5 - FO connecting cable



1657122

<https://www.phoenixcontact.com/us/products/1657122>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Assembled FO cable, break-out cable, polymer fiber 980/1000 µm, SC-RJ/IP20 on FSMA/IP20, for installation inside the control cabinets, the conductor is suitable for the UV-protected outside insert, length: 5 m

## Commercial data

Item number	1657122
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIBA
GTIN	4046356100182
Weight per piece (including packing)	76 g
Weight per piece (excluding packing)	76 g
Customs tariff number	85447000
Country of origin	DE

# VS-PC-2X-POF-980-SCRJ/FSMA-5 - FO connecting cable



1657122

<https://www.phoenixcontact.com/us/products/1657122>

## 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
-----------------------------	--------

### Material specifications

Housing material	PBT/nickel silver
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 FSMA
Degree of protection	IP20

### Cable/line

Cable type	Polymer fiber (980 / 1000 µm)
Cable type	Break-out cable
Outer sheath, material	PE
External sheath, color	black
Smallest bending radius, fixed installation	30 mm

# VS-PC-2X-POF-980-SCRJ/FSMA-5 - FO connecting cable



1657122

<https://www.phoenixcontact.com/us/products/1657122>

Smallest bending radius, movable installation	30 mm
Ambient temperature (operation)	-20 °C ... 70 °C

## FO cable

Number of fibers	2
Fiber	Polymer fiber, 980/1000 µm
Fiber type	POF fiber A4A
Transmission medium	FO

## Environmental and real-life conditions

### Ambient conditions

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

# VS-PC-2X-POF-980-SCRJ/FSMA-5 - FO connecting cable

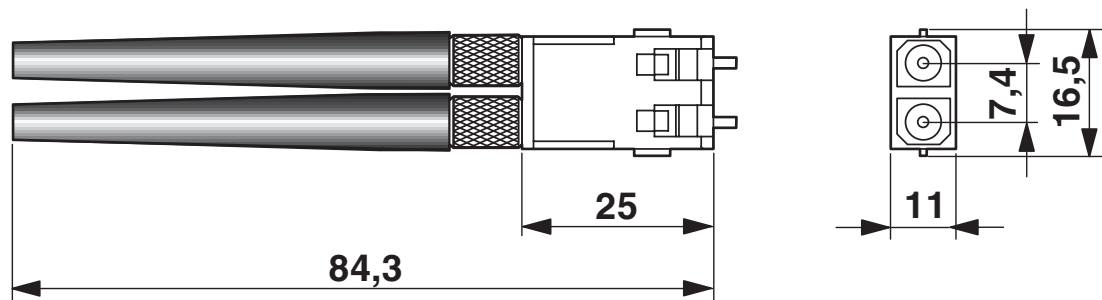


1657122

<https://www.phoenixcontact.com/us/products/1657122>

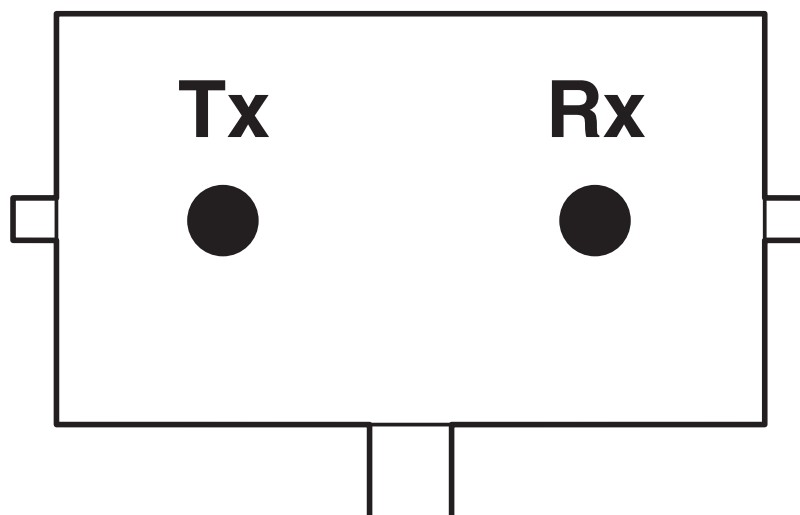
## Drawings

Dimensional drawing



SC-RJ connector IP20

Schematic diagram



Pin assignment plug SCRJ

# VS-PC-2X-POF-980-SCRJ/FSMA-5 - FO connecting cable



1657122  
<https://www.phoenixcontact.com/us/products/1657122>

## Classifications

### UNSPSC

UNSPSC 21.0	26121607
-------------	----------

1657122  
<https://www.phoenixcontact.com/us/products/1657122>

Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	<div>EFUP-50</div> <div>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.</div>
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)