

VS-PC-2X-POF-980-SCRJ/FSMA-1 - FO connecting cable



1657106

<https://www.phoenixcontact.com/it/products/1657106>

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: 1 m

Commercial data

Item number	1657106
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABN
Product key	ABNACD
Catalog page	Page 214 (PC-2009)
GTIN	4046356100168
Weight per piece (including packing)	44 g
Weight per piece (excluding packing)	35.9 g
Customs tariff number	85447000
Country of origin	CZ

VS-PC-2X-POF-980-SCRJ/FSMA-1 - FO connecting cable



1657106

<https://www.phoenixcontact.com/it/products/1657106>

Technical data

Product properties

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	< 1.7 dB (with 660 nm)
Transmission medium	FO

Connection data

Connection method	POF SC-RJ
-------------------	-----------

Material specifications

Housing material	PBT/nickel silver
Outer sheath, material	PE

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
Smallest bending radius, movable installation	30 mm

FO cable

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

Mechanical properties

Mechanical data

VS-PC-2X-POF-980-SCRJ/FSMA-1 - FO connecting cable



1657106

<https://www.phoenixcontact.com/it/products/1657106>

Insertion/withdrawal cycles	≥ 1000
-----------------------------	-------------

Characteristics

Attenuation	< 1.7 dB (with 660 nm)
-------------	------------------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-30 °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

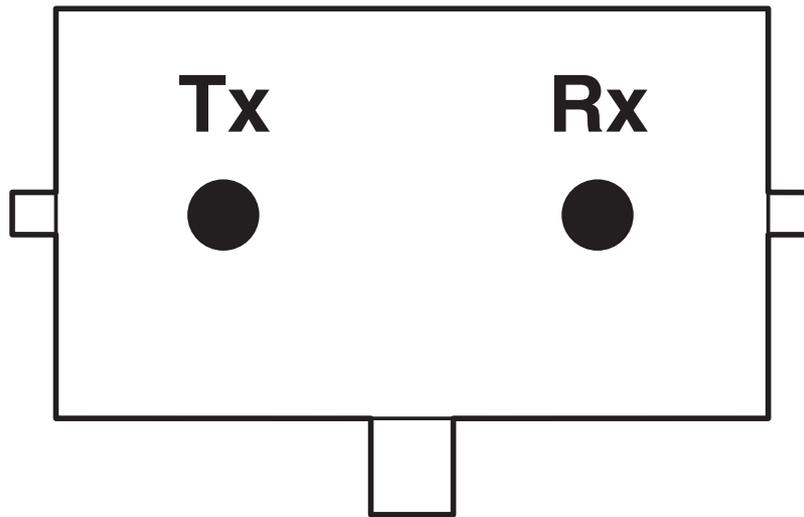
VS-PC-2X-POF-980-SCRJ/FSMA-1 - FO connecting cable

1657106

<https://www.phoenixcontact.com/it/products/1657106>

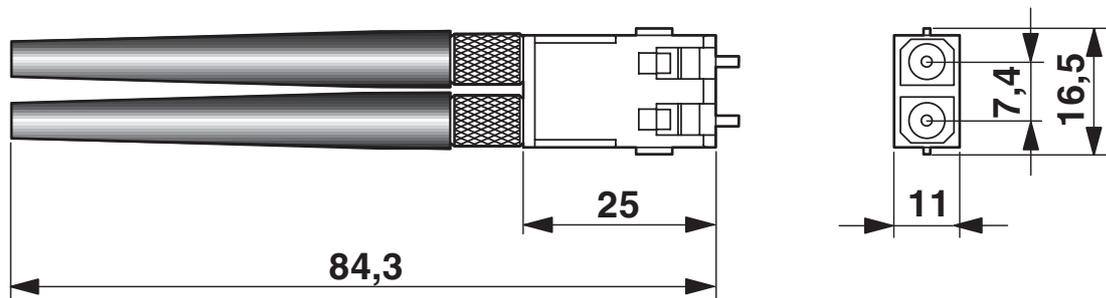
Drawings

Schematic diagram



Pin assignment plug SCRJ

Dimensional drawing



SC-RJ connector IP20

VS-PC-2X-POF-980-SCRJ/FSMA-1 - FO connecting cable



1657106

<https://www.phoenixcontact.com/it/products/1657106>

Classifications

ECLASS

ECLASS-11.0

27061003

UNSPSC

UNSPSC 21.0

26121607

VS-PC-2X-POF-980-SCRJ/FSMA-1 - FO connecting cable



1657106

<https://www.phoenixcontact.com/lt/products/1657106>

Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
------------	--

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact UAB
Svitrigailos str. 11B
03228 Vilnius
+370 5 2106321
balticinfo@phoenixcontact.com