

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



1657122

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Assembled FO cable, break-out cable, polymer fiber 980/1000  $\mu\text{m}$ , 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
Catalog page	Page 214 (PC-2009)
GTIN	4046356100182
Weight per piece (including packing)	76 g
Weight per piece (excluding packing)	76 g
Customs tariff number	85447000
Country of origin	DE

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

### Material specifications

Housing material	PBT/nickel silver
Outer sheath, material	PE

### Connector

#### Connection 1

Type	Plug straight SC-RJ
Degree of protection	IP20
Number of positions	2

#### Connection 2

Type	Plug straight FSMA
Number of positions	2
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
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

### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	≥ 1000
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## Characteristics

Attenuation	< 2.5 dB (with 660 nm)
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## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

Connection method	POF SC-RJ
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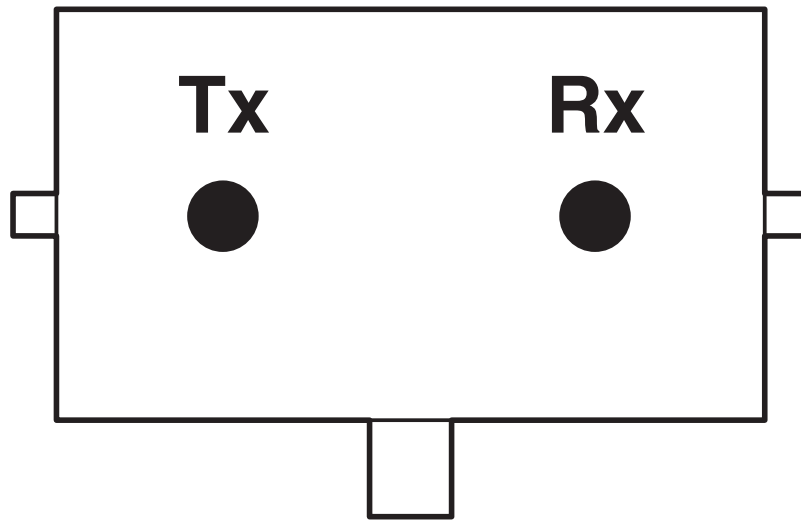
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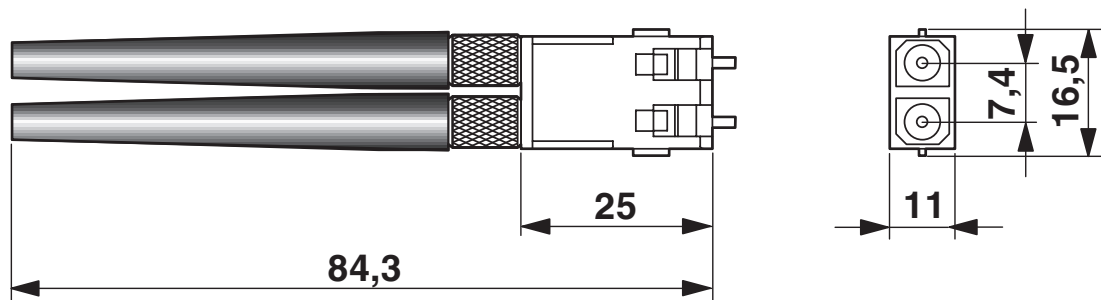
## Drawings

Schematic diagram



Pin assignment plug SCRJ

Dimensional drawing



SC-RJ connector IP20

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## Classifications

### ECLASS

ECLASS-11.0

27061003

### UNSPSC

UNSPSC 21.0

26121607

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## 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"
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