

# VS-PC-2XHCS-200-SCRJ/SCRJ-2 - FO connecting cable



1654947

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Assembled FO cable, breakout cable, 200/230 µm PCF fiber, SC-RJ/IP20 to SC-RJ/IP20, for installation inside control cabinets, length: 2 m

## Commercial data

Item number	1654947
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIBB
GTIN	4046356028912
Weight per piece (including packing)	76.2 g
Weight per piece (excluding packing)	76.2 g
Customs tariff number	85447000
Country of origin	CZ

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## Technical data

### Product properties

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

### Interfaces

Signal type/category	Ethernet
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### Electrical properties

Attenuation	≤ 1.2 dB (with 850 nm)
Transmission medium	PCF fiber

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 1000
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### Material specifications

Housing material	PBT
Outer sheath, material	TPE-O

### Dimensions

#### Mechanical characteristics

Ferrule diameter	2.50 mm
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### 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 type	Polymer Clad Fiber (PCF)
Cable type	Breakout
Signal type/category	Ethernet
Outer sheath, material	TPE-O
External sheath, color	orange
Individual wire diameter	2.2 mm
Smallest bending radius, fixed installation	50 mm

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Smallest bending radius, movable installation	50 mm
Resistance to oil	yes
Flame resistance	yes, in accordance with IEC 60332-1-2 and in accordance with IEC 60332-3-22 Cat A
Ambient temperature (operation)	-20 °C ... 70 °C

## FO cable

Number of fibers	2
Fiber	200/230 µm
Fiber type	PCF fiber A3C
Cable, attenuation	10 dB/km (650 nm), 8 dB/km (at 850 nm)
Transmission medium	PCF fiber

## 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 ... 70 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to oil	yes

## Standards and regulations

Flame resistance	yes, in accordance with IEC 60332-1-2 and in accordance with IEC 60332-3-22 Cat A
Resistance to oil	yes

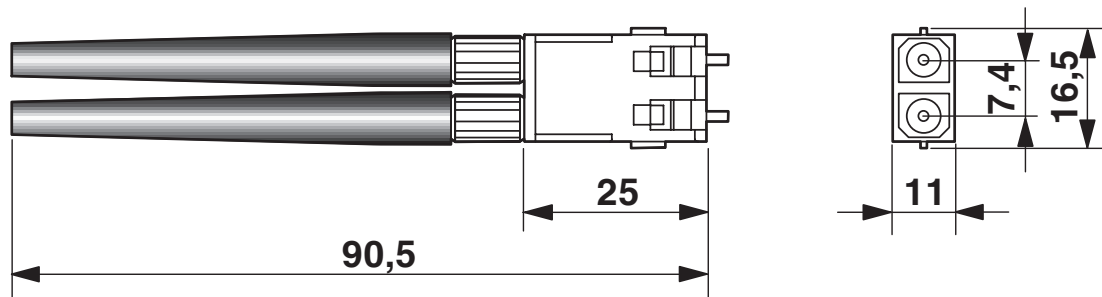
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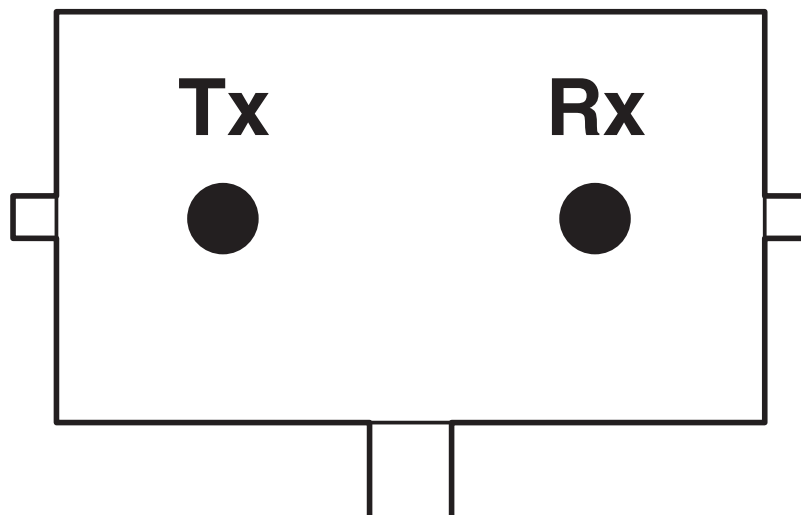
## Drawings

Dimensional drawing



SC-RJ connector IP20

Schematic diagram



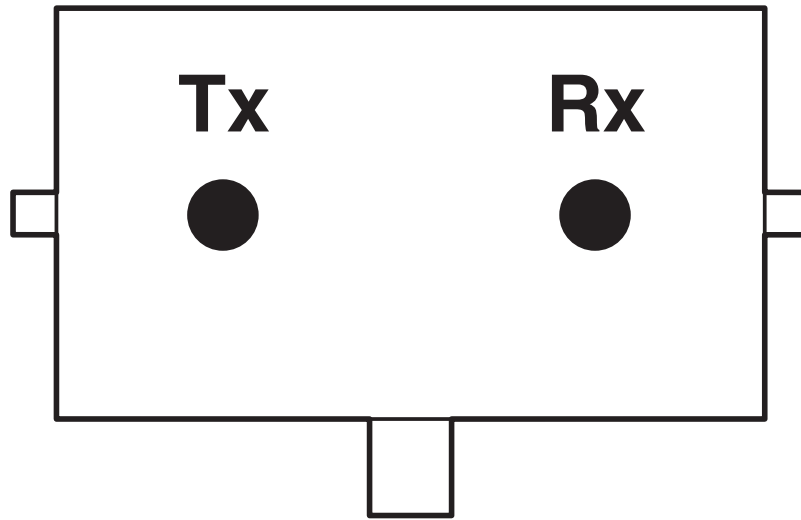
Pin assignment plug SCRJ

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Schematic diagram



Pin assignment plug SCRJ

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## Classifications

### UNSPSC

UNSPSC 21.0	26121607
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## Environmental product compliance

### 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.)	No substance above 0.1 wt%
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