

# VS-PC-2XHCS-200-SCRJ/SCRJ-5 - FO connecting cable



1654950

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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: 5 m

## Commercial data

Item number	1654950
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIBB
Catalog page	Page 215 (PC-2009)
GTIN	4046356028929
Weight per piece (including packing)	166.6 g
Weight per piece (excluding packing)	166.6 g
Customs tariff number	85447000
Country of origin	CZ

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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

### Electrical properties

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

### Dimensions

#### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

Housing material	PBT
Outer sheath, material	TPE-O

### 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	Breakout
Outer sheath, material	TPE-O
External sheath, color	orange
Individual wire diameter	2.2 mm
Smallest bending radius, fixed installation	50 mm
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

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Cable, attenuation	10 dB/km (650 nm), 8 dB/km (at 850 nm)
Transmission medium	PCF fiber

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 1000
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## Characteristics

Attenuation	≤ 1.2 dB (with 850 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 ... 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

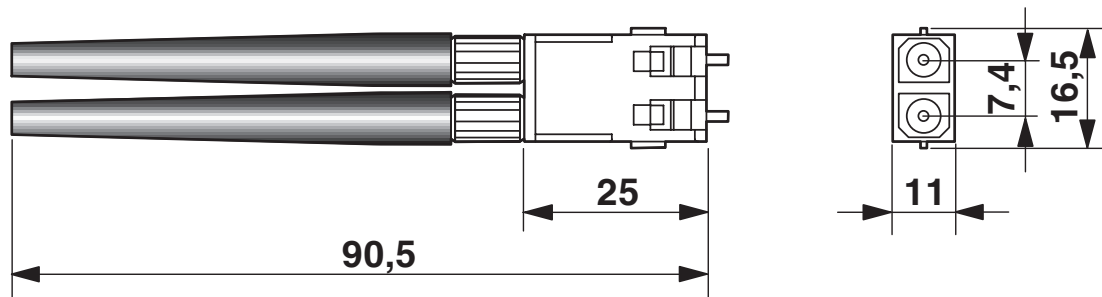
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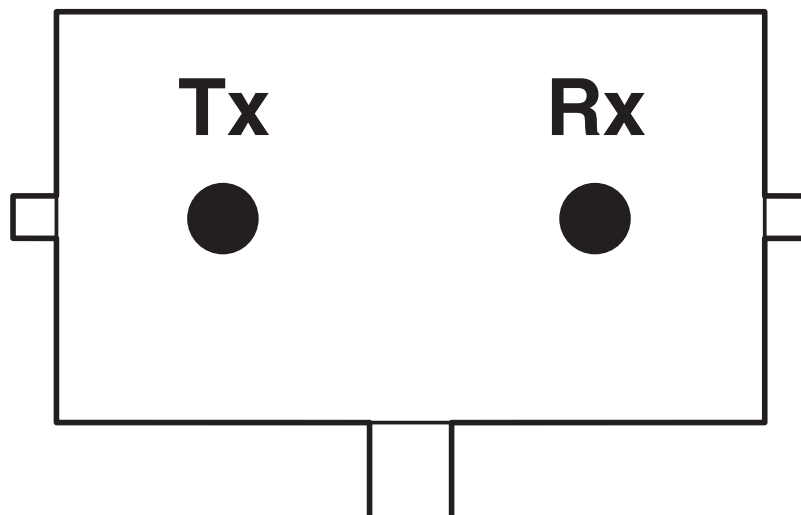
## Drawings

Dimensional drawing



SC-RJ connector IP20

Schematic diagram



Pin assignment plug SCRJ

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## Classifications

### ECLASS

ECLASS-11.0

27061003

### 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.
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)