

# VS-P1211-P1217-C1000/ 1,0 - Fiber optic cable



1608731

<https://www.phoenixcontact.com/us/products/1608731>

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Assembled PROFINET-FO cable, round cable, polymer fiber 980/1000  $\mu\text{m}$ , SC-RJ/IP67 push-pull metal housing on SC-RJ/IP20, for installation inside buildings, the conductor is suitable for the UV-protected outside insert, length: 1 m

## Commercial data

Item number	1608731
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNMAY
GTIN	4046356161282
Weight per piece (including packing)	160 g
Weight per piece (excluding packing)	160 g
Customs tariff number	85447000
Country of origin	DE

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## Technical data

### Product properties

Product type	Data cable preassembled
Number of positions	2

### Interfaces

Signal type/category	PROFINET
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### Electrical properties

Attenuation	≤ 1.7 dB (with 660 nm)
Transmission medium	FO

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 500
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### Material specifications

Seal material O-ring	NBR
Seal material Cable seal	TPE
Housing material	Zinc die-cast/PBT
Outer sheath, material	LSFH

### Connector

#### Connection 1

Type	Plug straight SC-RJ
Locking type	Push Pull

#### Connection 2

Type	Plug straight SC-RJ
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### Cable/line

Cable length	1.00 m
Cable weight	67 kg/km
Conductor structure signal line	1000.00 μm
Wire diameter incl. insulation	2.2 mm
External cable diameter	7.50 mm
Outer sheath, material	PE
External sheath, color	green RAL 6018
Single wire, color	black, orange
Smallest bending radius, fixed installation	25 mm
Smallest bending radius, movable installation	25 mm
Halogen-free	yes

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Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
	-30 °C ... 70 °C (Cable, flexible installation)

## FO cable

Number of fibers	2
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
	IP67
	IP67/IP20
Ambient temperature (operation) (Cable, fixed installation)	-30 °C ... 70 °C (cable, fixed installation)
Ambient temperature (operation) (Cable, flexible installation)	-20 °C ... 60 °C (Cable, flexible installation)
Ambient temperature (operation)	Plug / socket

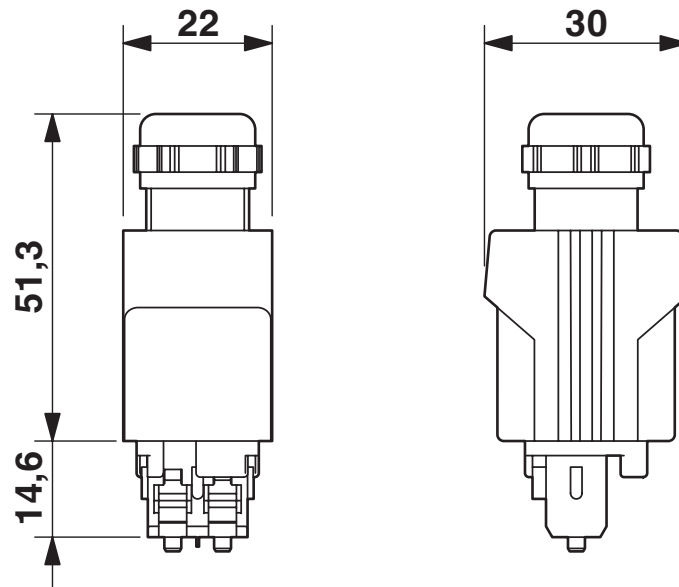
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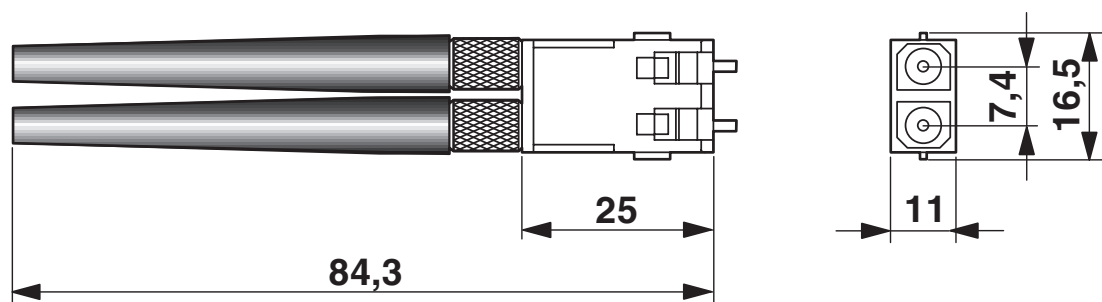
## Drawings

Dimensional drawing



SCRJ Push-Pull connector, IP67

Dimensional drawing



SC-RJ connector IP20

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Schematic diagram



Pin assignment plug SCRJ

Schematic diagram



Pin assignment plug SCRJ

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
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	No substance above 0.1 wt%
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