

VS-P1211-P1211-C1000/ 2,0 - Fiber optic cable



1608702

<https://www.phoenixcontact.com/us/products/1608702>

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Assembled PROFINET-FO cable, round cable, polymer fiber 980/1000 μm , SC-RJ/IP67 push-pull metal housing on SC-RJ/IP67 push-pull metal housing, for installation inside buildings, the conductor is suitable for the UV-protected outside insert, length: 2 m

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1608702 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | NULL |
| Product key | ABNMAY |
| GTIN | 4046356161268 |
| Weight per piece (including packing) | 251.52 g |
| Weight per piece (excluding packing) | 213.271 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 |
|----------------------|----------|

Electrical properties

| | |
|---------------------|------------------------|
| Attenuation | ≤ 1.8 dB (with 660 nm) |
| Transmission medium | FO |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 500 |
|-----------------------------|-------|

Material specifications

| | |
|--------------------------|---------------|
| Seal material O-ring | NBR |
| Seal material Cable seal | TPE |
| Housing material | Die-cast zinc |
| Outer sheath, material | LSFH |

Connector

Connection 1

| | |
|--------------|---------------------|
| Type | Plug straight SC-RJ |
| Locking type | Push Pull |

Connection 2

| | |
|--------------|---------------------|
| Type | Plug straight SC-RJ |
| Locking type | Push Pull |

Cable/line

| | |
|---|----------------|
| Cable length | 2.00 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 |

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

FO cable

| | |
|------------------|---|
| Number of fibers | 2 |
|------------------|---|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|---|
| Degree of protection | IP65 |
| | IP67 |
| | IP65/IP67 |
| Ambient temperature (operation) | -30 °C ... 70 °C (cable, fixed installation) |
| | -20 °C ... 60 °C (Cable, flexible installation) |
| | Plug / socket |

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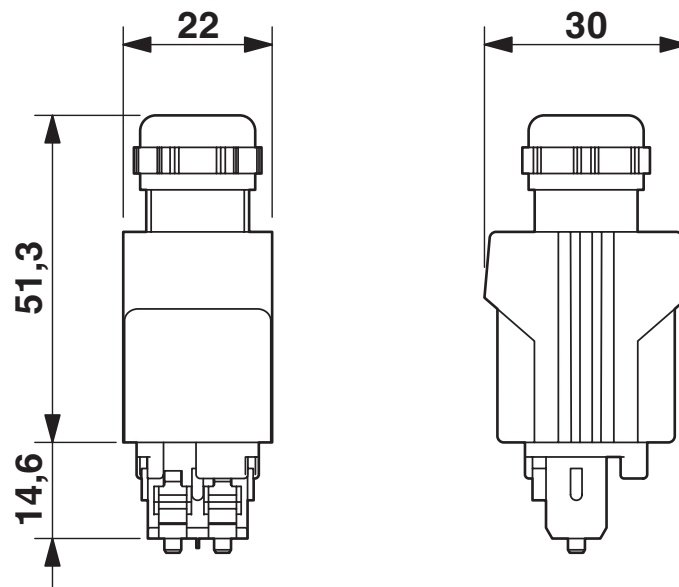
Drawings

Dimensional drawing



SCRJ Push-Pull connector, IP67

Dimensional drawing



SCRJ Push-Pull connector, IP67

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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.) | |
|-------------------------------------|--|
|-------------------------------------|--|

| | |
|--|----------------------------|
| | No substance above 0.1 wt% |
|--|----------------------------|

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