

1657850

<https://www.phoenixcontact.com/us/products/1657850>

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SC-RJ fiber optic connector, IP67, with push-pull interlocking, plastic housing, duplex, with fast connection technology, for polymer fiber 980/1000 µm, for individual wire diameter 2.2 mm, for cable cross section 6.5 mm ... 9.5 mm

Commercial data

Item number	1657850
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB17
Product key	ABNOBA
GTIN	4046356131926
Weight per piece (including packing)	34.9 g
Weight per piece (excluding packing)	32.54 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.3 Connectors for inside environment (optical fibre)
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Product properties

Product type	Fiber optic connector (cable side)
Type	Push-Pull
Number of positions	2
Connection profile	SCRJ in acc. with IEC 61754-24

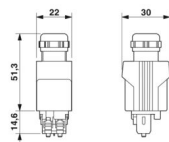
Insulation characteristics

Degree of pollution	2
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Electrical properties

Attenuation	≤ 1.5 dB (Insertion attenuation)
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Dimensions

Dimensional drawing	
Width	22 mm
Height	30 mm
Length	62.5 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Material specifications

Color	black
Material	Plastic
Flammability rating according to UL 94	V0
Ferrule material	Copper alloy
Housing material	PA-GF
Cable seal material	TPE
O-ring material	NBR

Cable/line

External cable diameter	6.5 mm ... 9.5 mm
Wire diameter	2.2 mm

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FO cable

Number of fibers	2
Fiber	980/1000 µm
Fiber type	POF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Characteristics

Attenuation	≤ 1.5 dB (Insertion attenuation)
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Environmental and real-life conditions

Ambient conditions

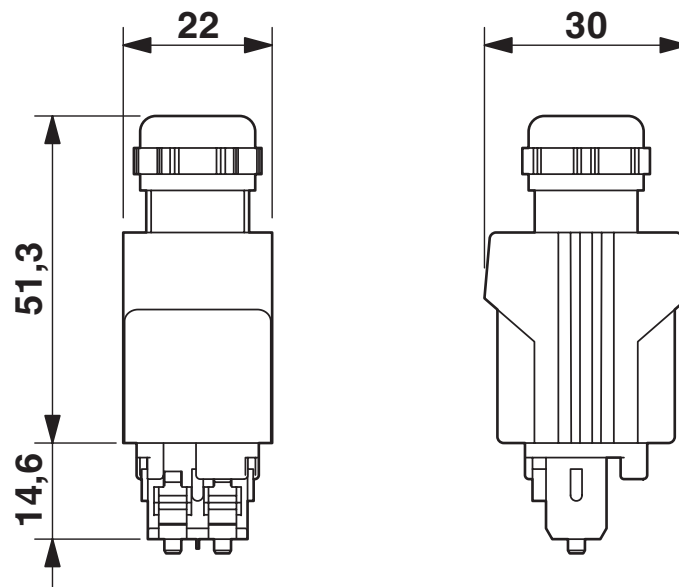
Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-20 °C ... 70 °C

Standards and regulations

Standards/specifications	IEC PAS 61076-3-117
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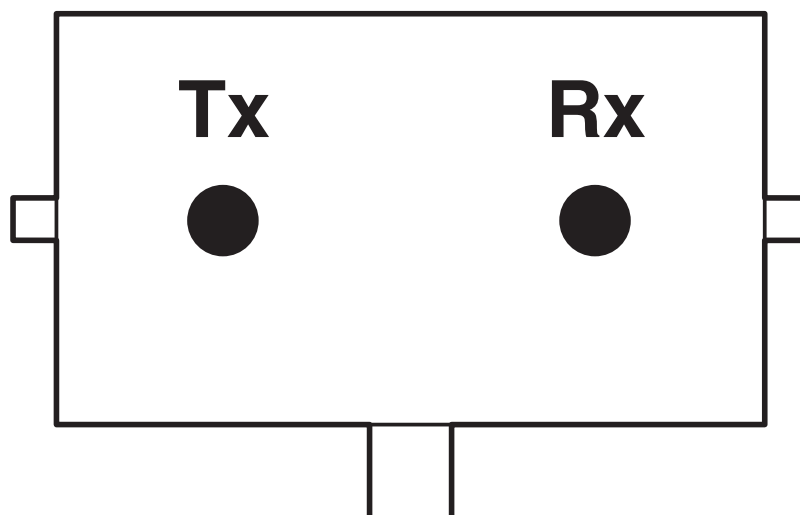
Drawings

Dimensional drawing



Push-Pull SC-RJ connector IP65/67

Schematic diagram



VS-PPC-C1-SCRJ-POBK-PG9-A4D-C - FO connectors



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Classifications

UNSPSC

UNSPSC 21.0	43223310
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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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