

1657863

<https://www.phoenixcontact.com/us/products/1657863>

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SC-RJ fiber optic connector, IP67, with push-pull interlocking, plastic housing, duplex, with fast connection technology, for PCF fiber 200/230 µm, for individual wire diameter 2.2 mm, for cable cross section 6.5 mm ... 9.5 mm

## Commercial data

Item number	1657863
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNOBA
GTIN	4046356131933
Weight per piece (including packing)	35.8 g
Weight per piece (excluding packing)	34.24 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 8.4 Connectors for outside environment (optical fibre) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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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

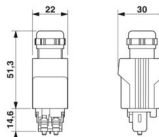
### Insulation characteristics

Degree of pollution	2
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### Electrical properties

Attenuation	< 1 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
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Wire diameter	2.2 mm
FO cable	
Fiber type	PCF

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Characteristics

Attenuation	< 1 dB (Insertion attenuation)
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## Environmental and real-life conditions

### Ambient conditions

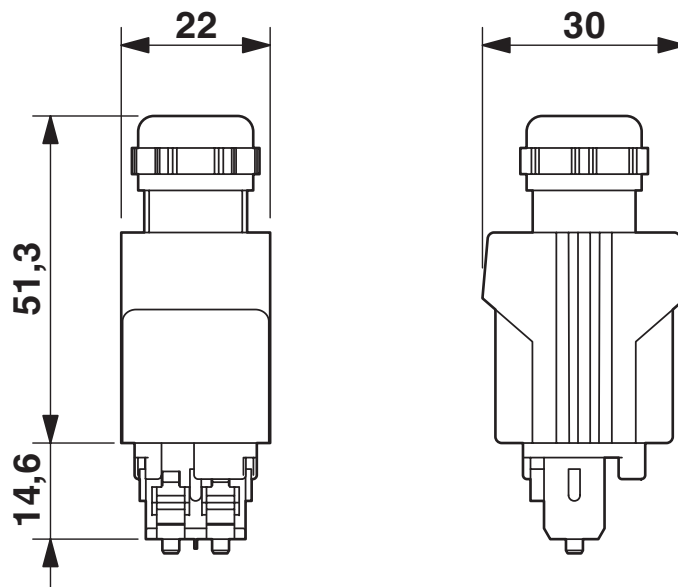
Degree of protection	IP65/IP67
Ambient temperature (operation)	-20 °C ... 70 °C

## Standards and regulations

Standards/specifications	IEC PAS 61076-3-117
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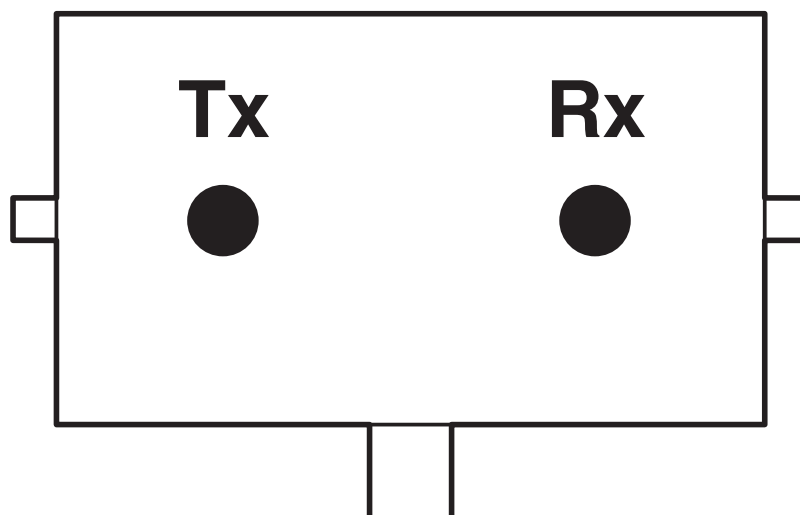
## Drawings

Dimensional drawing



Push-Pull SC-RJ connector IP65/67

Schematic diagram





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Classifications

UNSPSC

UNSPSC 21.0	43223310
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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	<div>EFUP-50</div> <div>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.</div>
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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