

# VS-SCRJ-GOF-FA-IP67 - FO connectors

1657083

<https://www.phoenixcontact.com/us/products/1657083>

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SC-RJ fiber optic connector, IP67, duplex, with fast connection technology, for multimode fiberglass 50/125  $\mu\text{m}$ , for an individual wire diameter of 600 and 900  $\mu\text{m}$ , for a cable diameter of 5.0 mm ... 8.5 mm

SC-RJ

## Your advantages

- For easy field connection
- Suitable for use in harsh environments

## Commercial data

Item number	1657083
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNNBA
GTIN	4046356100137
Weight per piece (including packing)	31.4 g
Weight per piece (excluding packing)	31.4 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Notes

Order information:	Only for assembly with tool 1658228 VS-GOF-FA-KONFTOOL-EU and 1658231 VS-GOF-FA-KONFTOOL-US. Not suitable for assembly with tool 1411049 FOC-TOOL-GOF KONF SET9.
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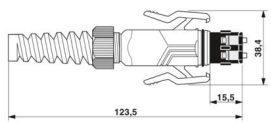
### Product properties

Product type	Fiber optic connector (cable side)
Application	neutral
Type	SCRJ
Sensor type	Ethernet
Number of positions	2
Connection profile	SCRJ in acc. with IEC 61754-24
No. of cable outlets	1
No. of conductors	1
Cable outlet	straight

### Electrical properties

Attenuation	≤ 0.5 dB (Insertion attenuation)
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### Dimensions

Dimensional drawing	
Width	38.4 mm
Height	20 mm
Length	122 mm

### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

Color	gray
Material	Plastic
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	PA
Cable seal material	NBR
O-ring material	FPM

### Cable/line

Cable type	Fiberglass
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Cable type	for all common cable types
External cable diameter	5 mm ... 8.5 mm
External cable diameter	5 mm ... 8.5 mm
Wire diameter	2.9 mm

## FO cable

Number of fibers	2
Fiber	GOF
Fiber type	Multi-mode fiberglass

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 1000
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## Characteristics

Attenuation	≤ 0.5 dB (Insertion attenuation)
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## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

cable layer type	Outdoors and indoors
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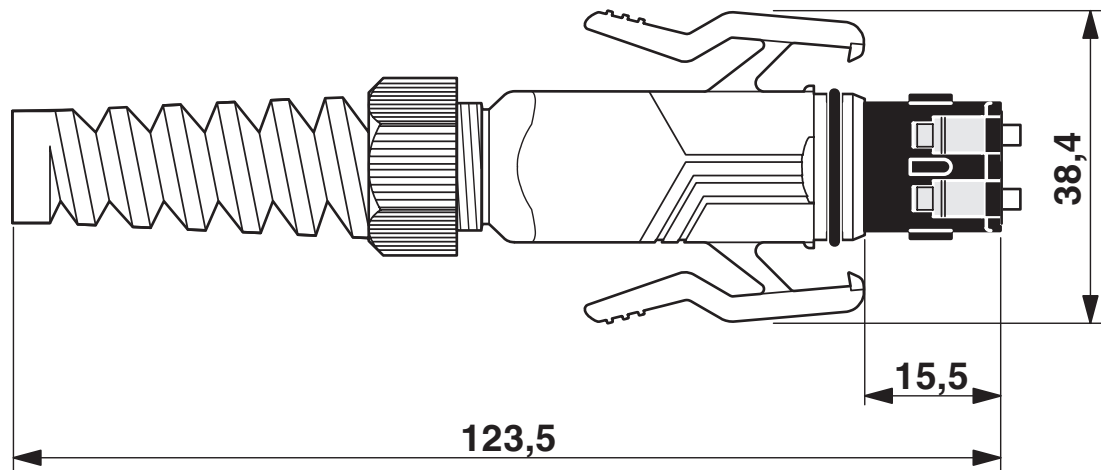


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## Drawings

Dimensional drawing



SC-RJ connector IP67

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## Classifications

### ECLASS

ECLASS-13.0	19170122
ECLASS-15.0	19170122

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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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