

VS-SCRJ-POF-FA-IP67 - FO connectors



1657009

<https://www.phoenixcontact.com/us/products/1657009>

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FO connectors, degree of protection: IP67, number of positions: 2, MM, material: Plastic, cable outlet: straight, color: gray

Commercial data

Item number	1657009
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNBA
Catalog page	Page 354 (C-2-2019)
GTIN	4046356081382
Weight per piece (including packing)	39.6 g
Weight per piece (excluding packing)	35.4 g
Customs tariff number	85367000
Country of origin	DE

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Technical data

Product properties

Product type	Data connector (cable side)
Application	neutral
Type	SC-RJ
Number of positions	2
Connection profile	SCRJ
Type	SC-RJ
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Attenuation	≤ 1.5 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

Dimensions

Width	38.4 mm
Height	22.8 mm
Length	125 mm

Material specifications

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

Cable/line

External cable diameter	5 mm ... 8.5 mm
Wire diameter	2.2 mm

FO cable

Fiber type	POF fiber A4A
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000
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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
Ambient temperature (operation)	-20 °C ... 70 °C

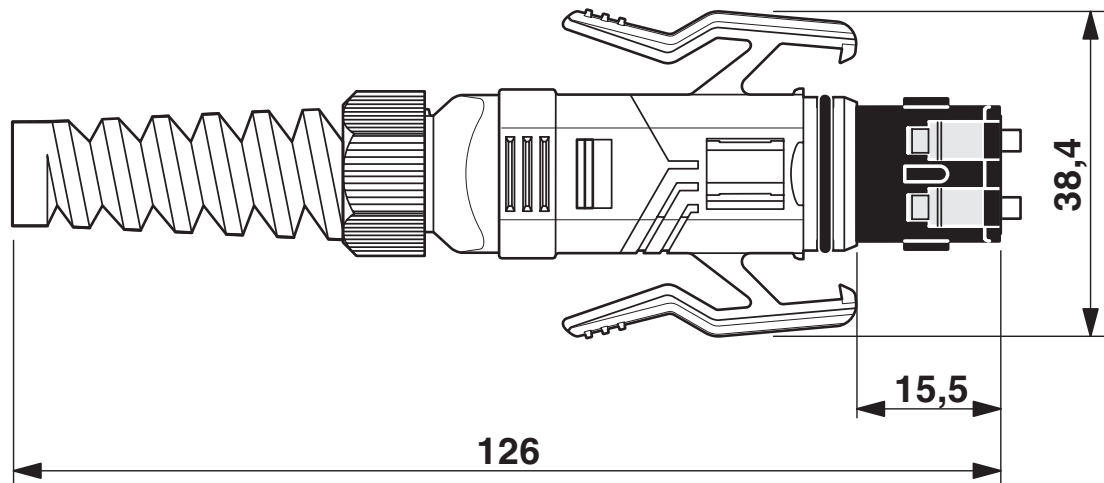
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Drawings

Dimensional drawing



SC-RJ connector IP67

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Approvals

💡 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1657009>



UL Listed

Approval ID: E308814-20070105

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Classifications

ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

ETIM

ETIM 9.0	EC001122
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UNSPSC

UNSPSC 21.0	43223300
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	b2e1cf66-8c8e-4dad-bf32-d54d711cd2cd

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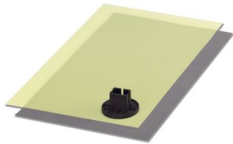
Accessories

VS-SCRJ-POF-POLISH - FO accessories

1656673

<https://www.phoenixcontact.com/us/products/1656673>

Refilling set for VS-SC-RJ-POF-KONFTOOL-POLISH, consisting of two polishing discs and a polisher



VS-SCRJ-PC - Protective cover

1653757

<https://www.phoenixcontact.com/us/products/1653757>

IP67 protective cover, for covering the male inserts in the sleeve housings IP67, VS-SC-RJ-..., VS-04-..., VS-06-... and VS-08-...



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PSM-FO-STRIP - Stripping tool

2744199

<https://www.phoenixcontact.com/us/products/2744199>



Stripping pliers for transmitting individual elements of the fiber optic cable. Especially suited for all polymer and PCF cables. Special mechanics and precise blade form avoid damage to the fiber optic fibers. Dimensions: (L x W x H) 160 x 130 x 36 mm.

TF-SCRJ-POF KONF SET - Tool set

1405246

<https://www.phoenixcontact.com/us/products/1405246>



SC-RJ cutting tool set, for polymer fiber, for field assembly of SC-RJ/IP20 and SC-RJ/IP67 push/pull connectors with fast connection technology, consisting of stripping tool, aramid scissors, SC-RJ cutting tool, microscope

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