

# 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
GTIN	4046356081382
Weight per piece (including packing)	39.6 g
Weight per piece (excluding packing)	32.234 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Product properties

Product type	Fiber optic connector (cable side)
Application	neutral
Type	SC-RJ
Number of positions	2
Connection profile	SCRJ
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

### 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	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

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Insertion/withdrawal cycles	$\geq 1000$
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## Characteristics

Attenuation	$\leq 1.5$ 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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## 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-13.0	19170122
ECLASS-15.0	19170122

### ETIM

ETIM 10.0	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
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### 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

### EF3.1 Climate Change

CO2e kg	2.193 kg CO2e
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