

# VS-PPC-C1-SCRJ-MNNA-PG9-A3C-C - FO connectors



1608045

<https://www.phoenixcontact.com/us/products/1608045>

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SCRJ Push-Pull connector,  
IP67

FO connectors, degree of protection: IP65/IP67, number of positions: 2, MM, material: Metal, connection method: Push-Pull, cable outlet: straight, color: silver

## Commercial data

Item number	1608045
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOBA
GTIN	4046356131711
Weight per piece (including packing)	74.8 g
Weight per piece (excluding packing)	70.84 g
Customs tariff number	85367000
Country of origin	DE

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## 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	Data connector (cable side)
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	≥ 2 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

### Connection data

Connection technology	
Connection method	Push-Pull

### Dimensions

Width	22 mm
Height	30 mm
Length	62.5 mm

### Material specifications

Color	silver
Material	Metal
Flammability rating according to UL 94	V0
Ferrule material	Copper alloy
Housing material	Metal
Housing surface material	nickel-plated
Cable seal material	TPE
O-ring material	NBR

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## Cable/line

Cable type	Plastic-coated fiber
External cable diameter	6.5 mm ... 9.5 mm
Wire diameter	2.2 mm
Individual wire diameter	2.2 mm
Resistance to oil	yes
Flame resistance	yes

## FO cable

Number of fibers	2
Fiber	200/230 µm
Fiber type	PCF

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Characteristics

Attenuation	≥ 2 dB (Insertion attenuation)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	yes

## Standards and regulations

Flame resistance	yes
Resistance to oil	yes
Standards/specifications	IEC PAS 61076-3-117

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## Drawings

Schematic diagram



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## Approvals

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**UL Listed**

Approval ID: E308814-20070105

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## Classifications

### ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

### ETIM

ETIM 10.0	EC002636
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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	f19f0730-faff-49ed-9cf9-80d90c48c1e1

### EF3.1 Climate Change

CO2e kg	6.479 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)