

# VS-SCRJ-HCS-FA-IP20 - FO connectors



1654866

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SC-RJ

FO connectors, degree of protection: IP20, number of positions: 2, MM, material: Plastic, connection method: Cable connection, cable outlet: straight, color: black

## Your advantages

- Suitable for quick and easy field assembly or repair
- Flexible application, thanks to reusable connector
- Outstanding transmission properties
- Ideal for PCF step-index (SI) fibers
- Compact design, thanks to SC-RJ pin connector pattern
- No bonding or polishing

## Commercial data

Item number	1654866
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
GTIN	4046356028837
Weight per piece (including packing)	21.5 g
Weight per piece (excluding packing)	21.5 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Notes

Order information:	Set packaging: please order 2313070
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### Product properties

Product type	Fiber optic connector (cable side)
Application	neutral
Type	SC-RJ
Number of positions	2
Connection profile	SCRJ
Set comprises	2313070 PSM-SET-SCRJ-DUP/2-HCS
No. of cable outlets	2
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 method	Cable connection
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### Dimensions

Width	16.5 mm
Height	11 mm
Length	88.5 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	Plastic

### Cable/line

Cable type	PCF 200/230
Cable type	Single wires

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External cable diameter	2.9 mm ... 2.9 mm
Individual wire diameter	2.9 mm

## FO cable

Fiber	200/230 $\mu\text{m}$
Fiber type	PCF
Attenuation	$\leq 1.5$ dB
Transmission medium	FO

## Characteristics

Attenuation	$\geq 2$ dB (Insertion attenuation)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20 IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C

## Mounting

Mounting type	For field assembly
cable layer type	Indoors

Drawings

Schematic diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1654866>



**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.)	No substance above 0.1 wt%
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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)