

# PSM-SET-SCRJ-DUP/2-HCS - FO connectors



2313070

<https://www.phoenixcontact.com/us/products/2313070>

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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	2313070
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
Catalog page	Page 379 (C-8-2015)
GTIN	4046356098847
Weight per piece (including packing)	35.7 g
Weight per piece (excluding packing)	35.7 g
Customs tariff number	85367000
Country of origin	DE

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## Set consists of

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

1654866

<https://www.phoenixcontact.com/us/products/1654866>



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

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## Technical data

### Notes

Order information:	Single unit packaging: please order using Order No. 1654866
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### 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

### Data management status

Article revision	01
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### 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	Cable connection
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### Dimensions

Width	16.5 mm
Height	11 mm
Length	88.5 mm

### 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
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Cable type	Single wires
External cable diameter	2.9 mm ... 2.9 mm
Individual wire diameter	2.9 mm

## FO cable

Fiber	200/230 µm
Fiber type	PCF
Attenuation	≤ 1.5 dB
Transmission medium	FO

## Characteristics

Attenuation	≥ 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

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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
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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)