

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



1654866

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

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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	1654866
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
Catalog page	Page 376 (C-2-2019)
GTIN	4046356028837
Weight per piece (including packing)	18.2 g
Weight per piece (excluding packing)	18 g
Customs tariff number	85367000
Country of origin	DE

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Technical data

Notes

General	Set packaging: please order 2313070
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Product properties

Type	SC-RJ
Product type	Data connector (cable side)
Number of positions	2
Connection profile	SCRJ
Set comprises	2313070 PSM-SET-SCRJ-DUP/2-HCS
Application	neutral
No. of cable outlets	2
Type	SC-RJ
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	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
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 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

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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