

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 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

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	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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EF3.1 Climate Change

CO2e kg	1.281 kg CO2e
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