

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



1404087

<https://www.phoenixcontact.com/us/products/1404087>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

Your advantages

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

Commercial data

Item number	1404087
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
Catalog page	Page 381 (C-2-2017)
GTIN	4046356285780
Weight per piece (including packing)	18 g
Weight per piece (excluding packing)	18 g
Customs tariff number	85367000
Country of origin	DE

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 8.3 Connectors for inside environment (optical fibre)
---------	--

Product properties

Type	SC-RJ
Product type	Data connector (cable side)
Sensor type	Ethernet
Number of positions	2
Connection profile	SCRJ
Application	PROFIBUS
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	mechanical splice
-------------------	-------------------

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	Fiberglass
------------	------------

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



1404087

<https://www.phoenixcontact.com/us/products/1404087>

External cable diameter ()	2.2 mm ... 2.2 mm
Wire diameter	2.2 mm

FO cable

Number of fibers	2
Fiber type	PCF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000
-----------------------------	--------

Characteristics

Attenuation	≥ 2 dB (Insertion attenuation)
-------------	--------------------------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 55 °C

Mounting

cable layer type	Indoors
------------------	---------

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



1404087

<https://www.phoenixcontact.com/us/products/1404087>

Classifications

ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

ETIM

ETIM 9.0	EC001122
----------	----------

UNSPSC

UNSPSC 21.0	43223300
-------------	----------

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



1404087

<https://www.phoenixcontact.com/us/products/1404087>

Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com