

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.



SC-RJ

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
GTIN	4046356285780
Weight per piece (including packing)	21.5 g
Weight per piece (excluding packing)	21.5 g
Customs tariff number	85367000
Country of origin	DE

1404087

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

Technical data

Product properties

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

Interfaces

Signal type/category	Ethernet MM
----------------------	-------------

Dimensions

Width	16.5 mm
Height	11 mm
Length	88.5 mm

Mechanical characteristics

Ferrule diameter	2.50 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
Signal type/category	Ethernet MM
External cable diameter	2.2 mm ... 2.2 mm
Wire diameter	2.2 mm

1404087

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

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
------------------	---------

Drawings

Schematic diagram



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



1404087

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

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1404087>



UL Listed

Approval ID: E308814-20070105

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



1404087

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

Classifications

ECLASS

ECLASS-13.0	19170122
ECLASS-15.0	19170122

ETIM

ETIM 10.0	EC001122
-----------	----------

UNSPSC

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

1404087

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

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	4.778 kg CO2e
---------	---------------

Phoenix Contact 2026 © - 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