

# VS-SCRJ-GOF-BU/BU - SC-RJ female insert

1652978

<https://www.phoenixcontact.com/us/products/1652978>

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 socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers

## Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Future-proof, thanks to RoHS 2 conformity
- Tailored for compatibility with the DIN rail adapters

## Commercial data

Item number	1652978
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4017918969943
Weight per piece (including packing)	8.9 g
Weight per piece (excluding packing)	7.5 g
Customs tariff number	85367000
Country of origin	DE

# VS-SCRJ-GOF-BU/BU - SC-RJ female insert



1652978

<https://www.phoenixcontact.com/us/products/1652978>

## Technical data

### Product properties

Product type	Data plug
Application	FO coupling
Type	SCRJ
Sensor type	Ethernet
Number of positions	2
Connection profile	SCRJ
Number of module slots	1
Number of slots	2
Cable outlet	straight

### Electrical properties

Transmission medium	FO
---------------------	----

### Connection data

Connection method	Coupling
-------------------	----------

### Dimensions

#### Mechanical characteristics

Ferrule diameter	2.50 mm
------------------	---------

### Material specifications

Color	black
Color of the housing part	black
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	Plastic
Contact material	Copper alloy

### Cable/line

Cable type	Fiberglass
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N
Resistance to oil	no

#### FO cable

Number of fibers	2
Fiber	POF, PCF, GOF
Fiber type	GOF, PCF, POF
Attenuation	≤ 0.2 dB
Transmission medium	FO

# VS-SCRJ-GOF-BU/BU - SC-RJ female insert



1652978

<https://www.phoenixcontact.com/us/products/1652978>

## Mechanical properties

Tensile strength short-term/long-term	40 N
---------------------------------------	------

### Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to UV radiation	no
Resistance to oil	no

## Standards and regulations

Resistance to oil	no
-------------------	----

# VS-SCRJ-GOF-BU/BU - SC-RJ female insert



1652978

<https://www.phoenixcontact.com/us/products/1652978>

## Classifications

### ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

### ETIM

ETIM 9.0	EC000752
----------	----------

### UNSPSC

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

# VS-SCRJ-GOF-BU/BU - SC-RJ female insert



1652978

<https://www.phoenixcontact.com/us/products/1652978>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - 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](mailto:info@phoenixcon.com)