

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

1652978

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

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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 with 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
Catalog page	Page 354 (C-2-2019)
GTIN	4017918969943
Weight per piece (including packing)	8.9 g
Weight per piece (excluding packing)	8.7 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Product properties

Product type	Female insert
Application	Fiber optic coupling
Type	SCRJ
Sensor type	Ethernet
Number of positions	2
Connection profile	SCRJ
Number of module slots	1
Number of slots	2
Type	Socket
Cable outlet	straight

### Electrical properties

Transmission medium	FO
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### Connection data

#### Connection technology

Connection method	Coupling
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### Dimensions

#### Mechanical characteristics

Ferrule diameter	2.50 mm
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### 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

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Attenuation	≤ 0.2 dB
Transmission medium	FO

## Mechanical properties

Tensile strength short-term/long-term	40 N
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### Mechanical data

Insertion/withdrawal cycles	≥ 500
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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)	-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 UV radiation	no
Resistance to oil	no

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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

### 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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## Accessories

### VS-A-F-IP67 - Panel mounting frames

1653744

<https://www.phoenixcontact.com/us/products/1653744>



Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: gray

### VS-A-F-IP67-BK - Panel mounting frames

1658668

<https://www.phoenixcontact.com/us/products/1658668>



Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: black

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