

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
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

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



1652978

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

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

Connection data

Connection technology

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

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



1652978

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

Attenuation	≤ 0.2 dB
Transmission medium	FO

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-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

ETIM

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

UNSPSC

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

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%

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

1652978

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



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

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