

# VS-SCDU-GOF-FA-IP20 - FO connectors



1658529

<https://www.phoenixcontact.com/us/products/1658529>

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Fiber optic connector SC duplex, IP20, with fast connection technology, for fiberglass multi-mode 50/125  $\mu\text{m}$ , for individual wire diameter 2.9 mm

## Commercial data

Item number	1658529
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNIAC
Catalog page	Page 132 (C-2-2013)
GTIN	4046356163101
Weight per piece (including packing)	14.8 g
Weight per piece (excluding packing)	13.14 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Notes

General	Only for assembly with tool 1658228 VS-GOF-FA-KONFTOOL-EU and 1658231 VS-GOF-FA-KONFTOOL-US. Not suitable for assembly with tool 1411049 FOC-TOOL-GOF KONF SET9.
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### Product properties

Type	SC duplex
Product type	Fiber optic connector (cable side)
Sensor type	Ethernet
Number of positions	2
Connection profile	SC duplex as per IEC 61754-4
Application	neutral
No. of cable outlets	1
No. of conductors	1
Type	SC
Cable outlet	straight

### Electrical properties

Attenuation	< 0.5 dB (Insertion attenuation)
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### Dimensions

Width	21.6 mm
Height	9 mm
Length	66.8 mm

### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

Color	black
Material	Plastic
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Contact carrier material	PEI
Housing material	PPO

### Cable/line

Cable type	Fiberglass
Cable type	for all common cable types
External cable diameter	2 mm ... 3 mm
Wire diameter	2.9 mm

### FO cable

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Number of fibers	2
Fiber	GOF
Fiber type	Multi-mode fiberglass

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 1000
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## Characteristics

Attenuation	< 0.5 dB (Insertion attenuation)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C

## Mounting

cable layer type	Indoors
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## Environmental product compliance

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

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## Mandatory accessories

### VS-GOF-FA-KONFTOOL-EU - Assembly tool set

1658228

<https://www.phoenixcontact.com/us/products/1658228>



Assembly tool set for fiberglass, for the field assembly of SC-RJ and SC-duplex connectors, with fast connection technology, with charger for 230 V

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## Accessories

### VS-GOF-FA-KONFTOOL-EU - Assembly tool set

1658228

<https://www.phoenixcontact.com/us/products/1658228>



Assembly tool set for fiberglass, for the field assembly of SC-RJ and SC-duplex connectors, with fast connection technology, with charger for 230 V

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## VS-GOF-FA-KONFTOOL-US - Assembly tool set

1658231

<https://www.phoenixcontact.com/us/products/1658231>



Assembly tool set for fiberglass, for the field assembly of SC-RJ and SC-duplex connectors, with fast connection technology, with charger for 110 V

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## FOC-TOOL-FERRULECLEANER-2.50 - FO accessories

1407029

<https://www.phoenixcontact.com/us/products/1407029>



2.50 mm ferrule cleaner, for ST, SC, FC, E2000 (also APC), approx. 500 cleaning cycles

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