

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

1658529

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

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SC duplex

Fiber optic connector SC duplex, IP20, with fast connection technology, for fiberglass multi-mode 50/125 μm , for individual wire diameter 2.9 mm

Commercial data

Item number	1658529
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNIAC
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

Order information:	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

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

Electrical properties

Attenuation	< 0.5 dB (Insertion attenuation)
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Interfaces

Signal type/category	Ethernet
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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
Housing material	PPO
Contact carrier material	PEI

Cable/line

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

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FO cable

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

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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