

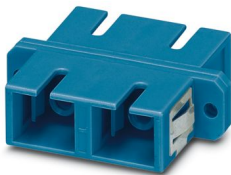
FL COUPLER SC-DUPLEX - FO coupling



2901788

<https://www.phoenixcontact.com/us/products/2901788>

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Coupling, SC duplex/SC duplex, compatible with multi-mode and single mode glass fibers, PCF, and polymer fibers

Commercial data

Item number	2901788
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIDA
GTIN	4046356633468
Weight per piece (including packing)	14.1 g
Weight per piece (excluding packing)	10.14 g
Customs tariff number	85367000
Country of origin	CH

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Technical data

Product properties

Product type	Data plug
Application	FO coupling
Sensor type	Ethernet
Number of positions	2
Connection profile	SC duplex as per IEC 61754-4
Number of module slots	1
Number of slots	2

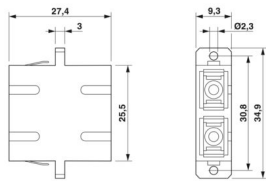
Electrical properties

Attenuation	< 0.2 dB
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Connection data

Connection method	Coupling
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Dimensions

Dimensional drawing	
Width	35 mm
Height	9.3 mm
Depth	27.4 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Material specifications

Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	Plastic

Cable/line

Cable type	Fiberglass
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FO cable

Number of fibers	2
Fiber type	Multimode fiberglass 50/125 µm
Attenuation	≤ 0.2 dB

Mechanical properties

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Mechanical data

Insertion/withdrawal cycles	≥ 1000
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Characteristics

Attenuation	< 0.2 dB
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to UV radiation	no

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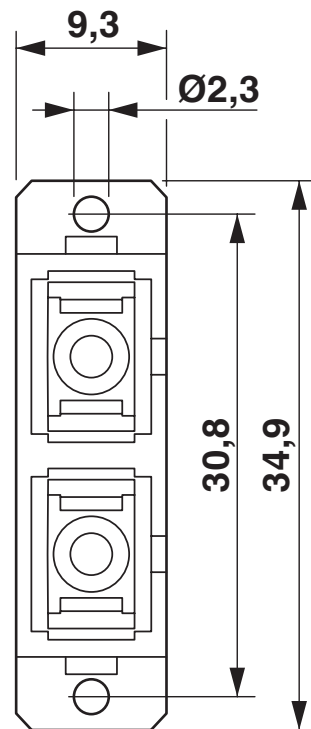
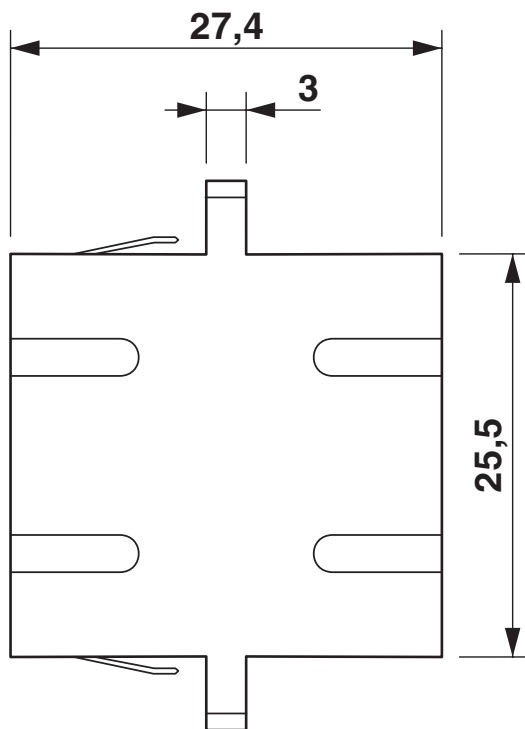
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Drawings

Dimensional drawing



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Classifications

ETIM

ETIM 8.0	EC002498
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UNSPSC

UNSPSC 21.0	39121100
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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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