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Fiber optic coupling - FL COUPLER SC-DUPLEX - 2901788

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

RoHS | IP20

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 633468
GTIN	4046356633468
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85367000
Country of origin	Switzerland

Technical data

Mechanical characteristics

Connection method	Coupling
Number of slots	2
Insertion/withdrawal cycles	≥ 500
Weight	10.14 g
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20

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Technical data

Material data

Housing material	Plastic
Width	35 mm
Height	9.3 mm
Depth	27.4 mm

Standards and Regulations

Resistance to UV radiation	no
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing

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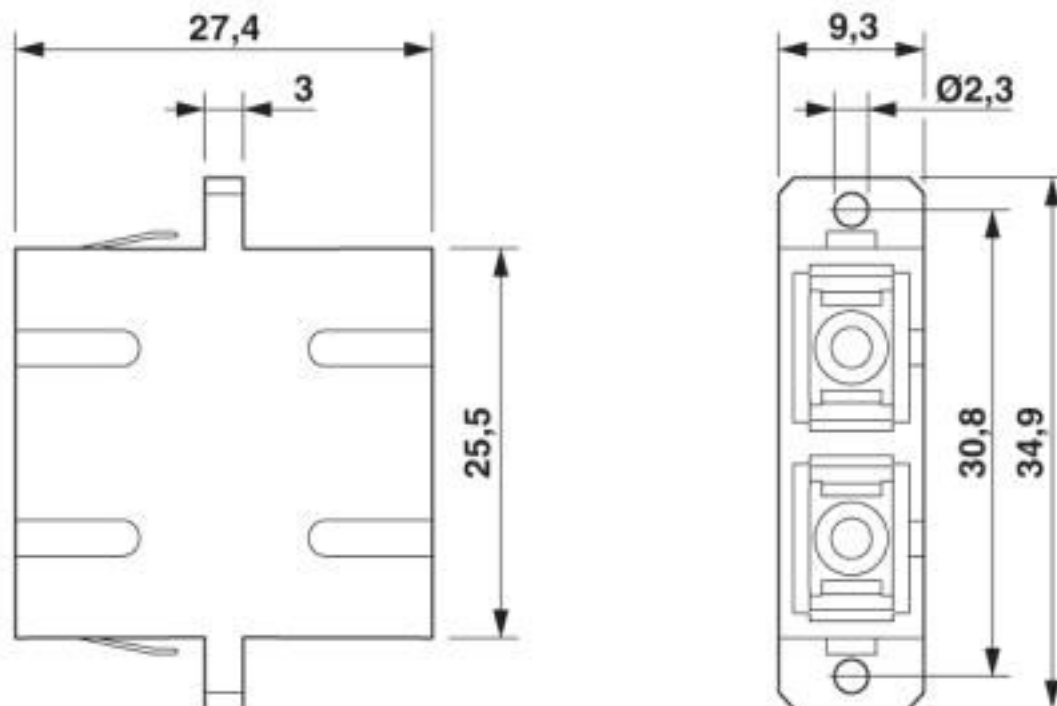
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Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 3.0	EC000034
ETIM 4.0	EC001423
ETIM 5.0	EC002498
ETIM 6.0	EC002498
ETIM 7.0	EC002498

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

Accessories

Accessories

Data cable preassembled

FO patch cable - FL MM PATCH 1,0 LC-SC - 2989161

Assembled FO cable, break out cable, multimode fiberglass 50/125 µm (OM2), connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

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Accessories

FO patch cable - FL SM PATCH 1,0 LC-SC - 2989190

Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 μm (OS2, Low Water Peak Fiber) connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

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FO patch cable - FOC-GDM-RUGGED-1016/IP20/... - 2901558

Robust GOF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, aramid strain-relief elements, with individual elements made from FRNC material, halogen-free, ozone and UV resistant, with a polyurethane (PUR) outer sheath

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Fiber optics connector (device side)

SC-RJ female insert - VS-SCRJ-GOF-BU/BU - 1652978

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

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Fiber optic coupling - PSM-SET-BFOC-LINK/2 - 2799429

Coupling; set consisting of 2 couplings for connecting B-FOC plugs

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Fiber optic coupling - PSM-SET-FSMA-LINK/2 - 2799416

Coupling; set consisting of 2 couplings for connecting F-SMA plugs

Fiber optic coupling - FL COUPLER SC-DUPLEX - 2901788

Accessories

Fiber optic coupling - FL MM PATCH COUPLER LC-LC - 2700312

Coupling, LC/LC, can be used for multi-mode glass fibers

Fiber optic coupling - FL SM PATCH COUPLER LC-LC - 2700313

Coupling, LC/LC, can be used for single mode glass fibers

FO connectors - PSM-SET-SC-DUPLEX/2-HCS/PN - 2313779

SC duplex connector set for standard PROFINET PCF fiber cables with 2.2 mm diameter of the individual elements. Consisting of 2 duplex quick mounting connectors with bend protection for self-assembly.

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