

# 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



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356633468

## Technical data

### Mechanical characteristics

Connection method	Coupling
Number of slots	2
Insertion/withdrawal cycles	≥ 500
Weight	10.14 g

### 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

### Material data

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

### Standards and Regulations

Resistance to UV radiation	no
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## Technical data

### Standards and Regulations

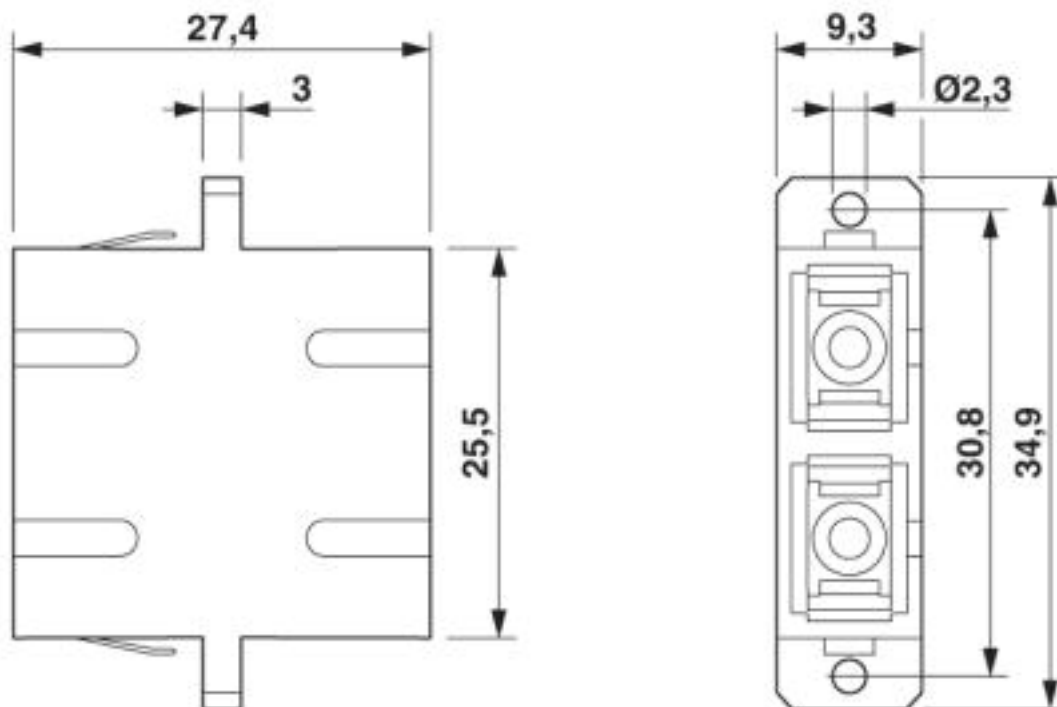
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Drawings

Dimensional drawing



## 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

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## Classifications

### 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

#### 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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### Accessories

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

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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 COUPLER SC-DUPLEX - 2901788

### Accessories

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



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

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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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