



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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FO connectors - FOC-C-SCDU-GOF-MM/10 - 1411302

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SC duplex connector, with long bend protection, multi-mode 50/125 µm, beige, value pack: 10 pcs.

Product Description

SC duplex connector, for wires 2.0 to 3.0 mm in diameter, multi-mode 50/125 µm.

The reusable connector is particularly suitable for quick and easy field connection, as there is no need for bonding and polishing.

Value pack: 10 pcs.

Why buy this product

- suitable for quick and easy field assembly or repair
- No bonding or polishing
- Reusable connectors
- A real alternative to splicing
- Optimum attenuation values with easy assembly
- Long-term durability, thanks to the latest index matching gel
- the 8° fiber transition ensures optimum return loss (RL)
- meets IEC 61754-4 (SC) and FprEN 50377-17-1 (connectors for field assembly)
- Cleave technology
- Reusable connectors

Key Commercial Data

| | |
|----------------------|----------|
| Packing unit | 1 STK |
| Custom tariff number | 85367000 |
| Country of origin | Bulgaria |

Technical data

Mechanical characteristics

| | |
|--------------------|----------------|
| Connection profile | SC duplex plug |
| Locking type | Clip locking |
| Fiber type | Quartz fiber |
| Fiber | 50/125 µm |
| Ferrule diameter | 2.50 mm |

FO connectors - FOC-C-SCDU-GOF-MM/10 - 1411302

Technical data

Mechanical characteristics

| | |
|-----------------------------|--|
| Insertion/withdrawal cycles | ≥ 500 (according to IEC 61300-2-2) |
| Connection method | mechanical splice |
| Type of contact | Index matching gel with extended temperature range |
| Max. cable diameter | 2 mm ... 3 mm |
| Cable exit | straight |
| Type of cable | For all common cable types |
| Cable structure | Semi-loose compact wires (STB) |
| Color | beige |
| Wire diameter | 2 mm ... 3 mm |

Ambient conditions

| | |
|---------------------------------|--------------------------------|
| Ambient temperature (operation) | -10 °C ... 60 °C (IEC 61300-2) |
| Degree of protection | IP20 |

Material data

| | |
|--|-------------------|
| Flammability rating according to UL 94 | V0 |
| Ferrule material | Zirconia ceramics |

Line characteristics

| | |
|---------------------------------------|--|
| Type of cable | For all common cable types |
| Cable type | Fiberglass |
| Cable structure | Semi-loose compact wires (STB) |
| Number of fibers | 1 |
| Fiber type | Multi-mode fiberglass |
| Fiber | GOF |
| Attenuation | ≤ 0.5 dB ((95%) according to IEC 61300-3-34) |
| | ≤ 0.2 dB ((typical value) according to IEC 61300-3-34) |
| Tensile strength short-term/long-term | 70N (120s.) bei Aderdurchmesser >2 mm |
| cable layer type | Indoors |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260709 |
| eCl@ss 8.0 | 19170122 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 9.0 | 19170122 |
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ETIM

| | |
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| ETIM 5.0 | EC001122 |
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

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|-----|
| EAC |
|-----|

Accessories

Accessories

Assembly tool

FO accessories - FOC-TOOL-FERRULECLEANER-2.50 - 1407029



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

Data cable by the meter

FO connectors - FOC-C-SCDU-GOF-MM/10 - 1411302

Accessories

FO cable - FOC-OE-OE-GZ01/... - 1411561



Fiber optic cable, multi-mode fiberglass 50/125 µm, OM2, length: various

FO cable - FOC-OE-OE-GZ02/... - 1411563



Fiber optic cable, multi-mode fiber glass 50/125 µm, OM3, length: various

FO cable - FOC-OE-OE-GZ03/... - 1411564



Fiber optic cable, multi-mode fiberglass 50/125 µm, OM4, length: various

Tool set

Tool set - FOC-TOOL-GOF KONF SET - 1411049



Tool set for GOF assembly

Necessary add-on products

Tool set - FOC-TOOL-GOF KONF SET - 1411049



Tool set for GOF assembly

FO connectors - FOC-C-SCDU-GOF-MM/10 - 1411302

Accessories

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