



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-LCDU-GOF-MM - 1411052

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LC duplex connector, with long bend protection, for multi-mode 50/125 µm, beige

### Product description

LC duplex connector, for 2.0–3.0 mm diameter wires, 50/125 µm multi-mode. The reusable connector is particularly suitable for quick and easy field connection, as there is no need for bonding and polishing.

### Product Features

- 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 61754-20 (LC) and FprEN 50377-17-1 (connectors for field assembly)
- Cleave technology
- Reusable connector
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### Key commercial data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	Switzerland

### Technical data

#### Mechanical characteristics

Connection profile	LC duplex plug
Locking type	Clip locking
Fiber type	Quartz fiber
Fiber	50/125 µm
Ferrule diameter	1.25 mm

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## Technical data

### Mechanical characteristics

Insertion/withdrawal cycles	≥ 500 (according to IEC 61300-2-2)
Connection method	Mechanical splice
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

### Ambient conditions

Ambient temperature (operation)	-10 °C ... 70 °C (IEC 61300-2)
Degree of protection	IP20

### Material data

Inflammability class 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 ()
	≤ 0.2 dB ()
Tensile strength short-term/long-term	70N (120s.) bei Aderdurchmesser >2 mm
cable layer type	Indoors

## Classifications

### eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260705
eCl@ss 8.0	19170122

### ETIM

ETIM 5.0	EC001122
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