

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

LC duplex

Product Description


LC duplex connector, for 2.0 mm ... 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.

Your advantages

- 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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 922418
GTIN	4046356922418

Technical data

Mechanical characteristics

Number of positions	2
Connection profile	LC duplex plug
Locking type	Clip locking

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Mechanical characteristics

Fiber type	Quartz fiber
Ferrule diameter	1.25 mm
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 outlet	straight
Type of cable	For all common cable types
Cable structure	Semi-loose compact wires (STB)
Color	beige
Wire diameter	2 mm ... 3 mm
Degree of protection	IP20
Type	LC

Ambient conditions

Ambient temperature (operation)	-10 °C ... 60 °C (IEC 61300-2)
Ambient temperature (assembly)	-5 °C ... 55 °C
Ambient temperature (storage/transport)	-10 °C ... 60 °C
Degree of protection	IP20

Material data

Flammability rating according to UL 94	V0
Housing material	PBT
Material	Plastic
Ferrule material	Zirconia ceramics
Height	11.2 mm

Line characteristics

Type of cable	For all common cable types
Cable type	Fiberglass
Cable structure	Semi-loose compact wires (STB)
Transmission medium	FO
Number of fibers	2
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
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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