

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

Connection method	mechanical splice
Cable outlet	straight
Locking type	Clip locking

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Technical data

Mechanical characteristics

Weight	5.6 g
Flammability rating according to UL 94	V0

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

Housing material	PBT
Width	6 mm
Height	11.2 mm
Length	58.7 mm

Electrical characteristics

Transmission speed	10 Gbps
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Line characteristics

Type of cable	For all common cable types
Cable type	Fiberglass
Cable structure	Semi-loose compact wires (STB)
External cable diameter	0.25 mm up to 3 mm (for the wire and cable connection)
External sheath, color	green
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

Flame resistance	yes
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

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Classifications

eCl@ss

eCl@ss 10.0.1	19170122
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 8.0	19170122
eCl@ss 9.0	19170122

ETIM

ETIM 5.0	EC001122
ETIM 6.0	EC001122
ETIM 7.0	EC001122

UNSPSC

UNSPSC 13.2	43223310
UNSPSC 18.0	43223310
UNSPSC 19.0	43223310
UNSPSC 20.0	43223310
UNSPSC 21.0	43223310

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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Accessories

Accessories

Data cable by the meter

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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

Data plug

FO accessories - FOC-TOOL-FERRULECLEANER-1.25 - 1407032



Ferrule cleaner, 1.25 mm, for LC, approx. 500 cleaning cycles

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



Tool set for GOF assembly

Necessary add-on products

FO connectors - FOC-C-LCDU-GOF-MM - 1411052

Accessories

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



Tool set for GOF assembly

Additional products

FO accessories - FOC-TOOL-FERRULECLEANER-1.25 - 1407032



Ferrule cleaner, 1.25 mm, for LC, approx. 500 cleaning cycles

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