

## FO connectors - FOC-C-LCDU-GOF-SM-APC - 1412472

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LC connector, with long bend protection, for single mode 9/125 µm, APC polishing (8°), green

LC duplex

### Product Description

LC duplex connector, for wires 2.0 mm ... 3.0 mm in diameter, single mode 9/125 µm, APC polishing (8°)  
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 connectors



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 963879
GTIN	4046356963879
Custom tariff number	85367000
Country of origin	Bulgaria

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### Technical data

#### Mechanical characteristics

Connection method	mechanical splice
Cable outlet	straight
No. of cable outlets	1
Locking type	Clip locking
Weight	2.22 g
Flammability rating according to UL 94	V0

#### Ambient conditions

Ambient temperature (operation)	-10 °C ... 60 °C (IEC 61300-2)
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)
Number of fibers	2
Fiber type	Single-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

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## Classifications

### 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

### 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

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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### Accessories

#### Accessories

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



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

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



Tool set for GOF assembly

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### Necessary add-on products

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



Tool set for GOF assembly

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### 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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