

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

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LC connector, with long bend protection, for single mode 9/125  $\mu\text{m}$ , APC polishing ( $8^\circ$ ), green

### Product Description

LC duplex connector, for wires 2.0 - 3.0 mm in diameter, single mode 9/125  $\mu\text{m}$ , APC polishing ( $8^\circ$ )

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

### 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  $8^\circ$  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 STK
Custom tariff number	85367000
Country of origin	Bulgaria

### Technical data

#### Mechanical characteristics

Connection profile	LC connectors
Locking type	Clip locking
Fiber type	Quartz fiber
Fiber	9/125 $\mu\text{m}$
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
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	green
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	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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## Classifications

### eCl@ss

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

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### Classifications

eCl@ss

eCl@ss 9.0	19170122
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ETIM

ETIM 5.0	EC001122
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### Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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Approval details

EAC
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### Accessories

Accessories

Assembly tool

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

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

### Accessories

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