

## FO connectors - FOC-C-LC:P-GOF-SM-APC - 1412476

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

### Product Description

LC connector for pigtails, full and compact wires, diameter: 0.6 mm ... 0.9 mm, single mode 9/125 µm, APC polishing  
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         |               |
| GTIN         | 4046356963909 |

### Technical data

#### Mechanical characteristics

|                      |                   |
|----------------------|-------------------|
| Connection method    | mechanical splice |
| Cable outlet         | straight          |
| No. of cable outlets | 1                 |
| Locking type         | Clip locking      |

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## Technical data

### Mechanical characteristics

|  |       |
|--|-------|
| Weight                                 | 3.9 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

|        |         |
|--------|---------|
| Width  | 6 mm    |
| Height | 11.2 mm |
| Length | 36.4 mm |

### Electrical characteristics

|                    |         |
|--------------------|---------|
| Transmission speed | 10 Gbps |
|--------------------|---------|

### 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 | 3N (60s.) bei Aderdurchmesser 0,6-0,9 mm               |
| cable layer type                      | Indoors  |

### Standards and Regulations

|  |    |
|--|----|
| 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          |

## 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 9.0    | 19170122 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| 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 |

## Accessories

### Accessories

#### 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

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



Tool set for GOF assembly

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PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>