

## FO connectors - FOC-C-LC:P-GOF-SM-PC - 1411295

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LC connector, with short bend protection (pigtail), for single mode 9/125 µm, PC polishing, blue

### Product Description

LC connector for pigtails, full and compact wires, diameter: 0.6 mm to 0.9 mm, single mode 9/125 µm, PC polishing  
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° 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 µm      |
| 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         | 0.6 mm ... 0.9 mm                                  |
| Cable exit                  | straight   |
| Type of cable               | For all common cable types                         |
| Cable structure             | Semi-loose compact wires (STB)                     |
| Color                       | blue   |
| Wire diameter               | 0.6 mm ... 0.9 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 | 3N (60s.) bei Aderdurchmesser 0,6-0,9 mm               |
| cable layer type                      | Indoors  |

#### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### 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 |
|------------|----------|

ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC001122 |
|----------|----------|

## 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

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|-----|
| 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-LC:P-GOF-SM-PC - 1411295

### 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

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