

FO connectors - FOC-C-SCDU-GOF-SM-APC - 1412474

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

Product Description

SC duplex connector, for wires 2.0 to 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.

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 61754-4 (SC) 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 | SC duplex plug |
| Locking type | Clip locking |
| Fiber type | Quartz fiber |
| Fiber | 9/125 µm |
| Ferrule diameter | 2.50 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 |
|--|----|

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260709 |
| eCl@ss 8.0 | 19170122 |

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| eCl@ss 9.0 | 19170122 |
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ETIM

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| ETIM 5.0 | EC001122 |
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

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|-----|
| EAC |
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Accessories

Accessories

Assembly tool

FO accessories - FOC-TOOL-FERRULECLEANER-2.50 - 1407029



2.50 mm ferrule cleaner, for ST, SC, FC, E2000 (also APC), approx. 500 cleaning cycles

Tool set

FO connectors - FOC-C-SCDU-GOF-SM-APC - 1412474

Accessories

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
