

FO connectors - FOC-C-SCRJ-GOF-MM - 1411290

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SC-RJ connector, with long bend protection, for multi-mode 50/125 µm, beige

Product Description


SC-RJ connector, for wires 2.0 mm ... 3.0 mm in diameter, multi-mode 50/125 µm. 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 61754-4 (SC) and FprEN 50377-17-1 (connectors for field assembly)
- ✓ Cleave technology
- ✓ Reusable connectors



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 922432 |
| GTIN | 4046356922432 |

Technical data

Mechanical characteristics

| | |
|--------------------|-----------------|
| Connection profile | SC-RJ connector |
| Locking type | Clip locking |
| Fiber type | Quartz fiber |
| 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 outlet | straight |
| Type of cable | For all common cable types |
| Cable structure | Semi-loose compact wires (STB) |
| Color | beige |
| Wire diameter | 2 mm ... 3 mm |
| Degree of protection | IP20 |
| Type | SC-RJ |
| No. of cable outlets | 1 |

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 | Multi-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 |
|--|----|

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Approvals

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
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