FO connectors - FOC-C-SCRJ-GOF-SM-PC - 1411291

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SC-RJ connector, with long bend protection, for single mode 9/125 µm, PC polishing, blue

Product Description

SC-RJ connector, for wires 2.0 - 3.0 mm in diameter, 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.

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 922449
GTIN	4046356922449

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	blue
Wire diameter	2 mm ... 3 mm
Degree of protection	IP20
Type	SC-RJ

Ambient conditions

Ambient temperature (operation)	-10 °C ... 60 °C (IEC 61300-2)
Ambient temperature (assembly)	-5 °C ... 55 °C
Ambient temperature (storage/transport)	-10 °C ... 60 °C
Degree of protection	IP20

Material data

Flammability rating according to UL 94	V0
Housing material	Plastic
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

Environmental Product Compliance

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

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Approvals

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EAC

Ex Approvals

Approval details

EAC	EAC	B.01742

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