PHŒNIX CONTACT

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 - 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.

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

Locking type	Clip locking
Fiber type	Quartz fiber
Fiber	50/125 µm
Ferrule diameter	2.50 mm
Insertion/withdrawal cycles	$\geq$ 500 (according to IEC 61300-2-2)

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Technical data

Mechanical characteristics

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	beige
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	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

Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27180802
eCl@ss 8.0	19170122
eCl@ss 9.0	19170122

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Classifications

ETIM

ETIM 5.0	EC001122

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

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

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Data cable by the meter
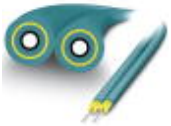
FO cable - FOC-OE-OE-GZ01/... - 1411561

Fiber optic cable, multi-mode fiberglass 50/125 μm, OM2, length: various

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Accessories

FO cable - FOC-OE-OE-GZ02/... - 1411563

Fiber optic cable, multi-mode fiber glass 50/125 µm, OM3, length: various

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FO cable - FOC-OE-OE-GZ03/... - 1411564

Fiber optic cable, multi-mode fiberglass 50/125 µm, OM4, length: various

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Tool set

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