PHŒNIX CONTACT

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 **IP20**

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 922449
GTIN	4046356922449
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85367000
Country of origin	Bulgaria

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Technical data

Mechanical characteristics

Connection method	mechanical splice
Cable outlet	straight
Locking type	Clip locking
Weight	4.42 g
Flammability rating according to UL 94	V0

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

Housing material	Plastic

Electrical characteristics

Transmission speed	10 Gbps

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	$\leq$ 0.5 dB ((95%) according to IEC 61300-3-34)
	$\leq$ 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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Classifications

eCl@ss

eCl@ss 10.0.1	19170122
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27180800
eCl@ss 8.0	19170122
eCl@ss 9.0	19170122

ETIM

ETIM 5.0	EC001122
ETIM 6.0	EC001122
ETIM 7.0	EC001122

UNSPSC

UNSPSC 13.2	43223310
UNSPSC 18.0	43223310
UNSPSC 19.0	43223310
UNSPSC 20.0	43223310
UNSPSC 21.0	43223310

Approvals

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EAC

Ex Approvals

Approval details

EAC		B.01742

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Accessories

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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 - 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