FO connectors - FOC-C-SCRJ-GOF-SM-APC - 1412473

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



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

Product Description

SC-RJ connector, for wires 2.0 - 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

Locking type	Clip locking
Fiber type	Quartz fiber
Fiber	9/125 µm
Ferrule diameter	2.50 mm
Insertion/withdrawal cycles	≥ 500 (according to IEC 61300-2-2)

FO connectors - FOC-C-SCRJ-GOF-SM-APC - 1412473

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	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	27180802
eCl@ss 8.0	19170122
eCl@ss 9.0	19170122

FO connectors - FOC-C-SCRJ-GOF-SM-APC - 1412473

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

Tool set

Tool set - FOC-TOOL-GOF KONF SET - 1411049



Tool set for GOF assembly

FO connectors - FOC-C-SCRJ-GOF-SM-APC - 1412473

Accessories

Necessary add-on products

Tool set - FOC-TOOL-GOF KONF SET - 1411049



Tool set for GOF assembly

Phoenix Contact 2016 © - all rights reserved
http://www.phoenixcontact.com