

## FO connectors - FOC-C-SCDU-GOF-SM-APC - 1412474

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

### Product Description


SC duplex connector, for wires 2.0 mm ... 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.

### 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 963893
GTIN	4046356963893
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
No. of cable outlets	1
Locking type	Clip locking
Weight	5.4 g
Flammability rating according to UL 94	V0

### Ambient conditions

Ambient temperature (operation)	-10 °C ... 60 °C (IEC 61300-2)
Degree of protection	IP20

### Electrical characteristics

Transmission speed	10 Gbps
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### 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
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### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	19170122
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700

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### eCl@ss

eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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## Accessories

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### Accessories

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



Tool set for GOF assembly

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### Necessary add-on products

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



Tool set for GOF assembly

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