

## FO connectors - FOC-C-SC:P-GOF-SM-APC - 1412478

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 connector, with short bend protection (pigtail), for single mode 9/125 µm, APC polishing (8°), green

### Product Description

SC connector for pigtails, full and compact wires, diameter: 0.6 mm ... 0.9 mm, single mode 9/125 µm, APC 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



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356963916

### Technical data

#### Mechanical characteristics

Connection method	mechanical splice
Cable outlet	straight
No. of cable outlets	1
Locking type	Clip locking

# FO connectors - FOC-C-SC:P-GOF-SM-APC - 1412478

## Technical data

### Mechanical characteristics

Weight	4.6 g
--------	-------

### Ambient conditions

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

### Material data

Width	8.9 mm
Height	8.2 mm
Length	41 mm

### 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	≤ 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	3N (60s.) bei Aderdurchmesser 0,6-0,9 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

## 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	27260700
eCl@ss 8.0	19170122
eCl@ss 9.0	19170122

# FO connectors - FOC-C-SC:P-GOF-SM-APC - 1412478

## Classifications

### 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

---

Approvals

EAC

---

Ex Approvals

---

### Approval details

EAC		B.01742
-----	--	---------

## Accessories

### 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

## FO connectors - FOC-C-SC:P-GOF-SM-APC - 1412478

### Accessories

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

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>