

# PSM-SET-B-FOC/4-HCS - FO connectors



2708481

<https://www.phoenixcontact.com/us/products/2708481>

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FO connectors, degree of protection: IP20, number of positions: 4, MM, material: Metal, connection method: Cable connection, cable outlet: straight



## Your advantages

- Suitable for quick and easy field assembly or repair
- Flexible application, thanks to reusable connector
- Outstanding transmission properties
- Ideal for PCF step-index (SI) fibers
- Robust design, thanks to B-FOC pin connector pattern
- No bonding or polishing

## Commercial data

Item number	2708481
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
Catalog page	Page 376 (C-2-2019)
GTIN	4017918974145
Weight per piece (including packing)	27.9 g
Weight per piece (excluding packing)	27.35 g
Customs tariff number	85367000
Country of origin	DE

## Technical data

### Product properties

Product type	Data connector (cable side)
Number of positions	4
Cable outlet	straight

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Attenuation	≥ 2 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

### Connection data

#### Connection technology

Connection method	Cable connection
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### Dimensions

Width	9.5 mm
Length	82 mm

### Material specifications

Material	Metal
Flammability rating according to UL 94	V0
Housing material	Metal

### Cable/line

Cable type	PCF 200/230
Cable type	Single wires
External cable diameter	2.9 mm ... 2.9 mm
Individual wire diameter	2.9 mm

### FO cable

Fiber	200/230 μm
Fiber type	PCF
Attenuation	≤ 1.5 dB
Transmission medium	FO

### Characteristics

Attenuation	≥ 2 dB (Insertion attenuation)
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### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C

## Mounting

Mounting type	For field assembly
cable layer type	Indoors

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## Classifications

### ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

### ETIM

ETIM 9.0	EC001122
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### UNSPSC

UNSPSC 21.0	43223300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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