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FO connectors, degree of protection: IP20, number of positions: 4, MM, material: Plastic, 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 graded-index (GI) fibers
- Robust design, thanks to B-FOC pin connector pattern
- No bonding or polishing

Commercial data

Item number	2313782
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
Catalog page	Page 377 (C-2-2019)
GTIN	4046356573474
Weight per piece (including packing)	24.2 g
Weight per piece (excluding packing)	24.2 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

### Data management status

Article revision	01
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### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Attenuation	$\geq 2$ dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

### Dimensions

Length	82 mm
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### Material specifications

Flammability rating according to UL 94	V0
Housing material	Plastic

### Cable/line

Cable type	for all common PCF cable types
External cable diameter	2.2 mm ... 2.2 mm
Individual wire diameter	2.2 mm

### FO cable

Number of fibers	4
Fiber type	PCF
Attenuation	$\leq 1.5$ dB

### Characteristics

Attenuation	$\geq 2$ dB (Insertion attenuation)
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### Environmental and real-life conditions

#### 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

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



2313782

<https://www.phoenixcontact.com/us/products/2313782>

## 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
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%