

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



2313782

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

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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	AB15
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	85366990
Country of origin	DE

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## Technical Data

### Product properties

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

### 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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2313782>



**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC001122
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### UNSPSC

UNSPSC 21.0	43223300
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## Environmental Product Compliance

China RoHS

Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

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## Mandatory Accessories

### PSM-HCS-KONFTOOL/B-FOC - Assembly tool

2708465

<https://www.phoenixcontact.com/us/products/2708465>



HCS assembly kit for B-FOC(ST) quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, four B-FOC(ST) connectors for standard HCS fiber, and documentation

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## Accessories

### FL FOC PN-B-HCS-200/230 - FO cable

2313766

<https://www.phoenixcontact.com/us/products/2313766>



PROFINET PCF fiber cable, duplex 200  $\mu\text{m}$  / 230  $\mu\text{m}$ , for installation in stationary systems and machines, type B, PVC outer sheath, sold by the meter without plug

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## FOC-PN-HCS-1018/IP20/... - FO patch cable

2901556

<https://www.phoenixcontact.com/us/products/2901556>



PCF PROFINET installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, individual elements of polyamide (PA), ozone- and UV-resistant, with PVC outer sheath

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## PSM-HCS-KONFTOOL/B-FOC - Assembly tool

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HCS assembly kit for B-FOC(ST) quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, four B-FOC(ST) connectors for standard HCS fiber, and documentation

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## FOC-ADAPTER:ST/ST-MM - Fiber optic coupling

1208099

<https://www.phoenixcontact.com/us/products/1208099>



Fiber optic coupling, degree of protection: IP20, number of positions: 1, material: Metal, connection method: Coupling, cable outlet: straight, color: silver/matt, Ethernet

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## FOC-TOOL-FERRULECLEANER-2.50 - FO accessories

1407029

<https://www.phoenixcontact.com/us/products/1407029>



2.50 mm ferrule cleaner, for ST, SC, FC, E2000 (also APC), approx. 500 cleaning cycles

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