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	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

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

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

Dimensions

Length	82 mm

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	≤ 1.5 dB

Characteristics

Attenuation	≥ 2 dB (Insertion attenuation)

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

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001122

UNSPSC

UNSPSC 21.0	43223300

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%

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

Accessories

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

2313766

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PROFINET PCF fiber cable, duplex 200 µm / 230 µm, for installation in stationary systems and machines, type B, PVC outer sheath, sold by the meter without plug

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

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

2708465

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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

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

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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