

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 μ m
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
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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Mandatory accessories

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

2708465

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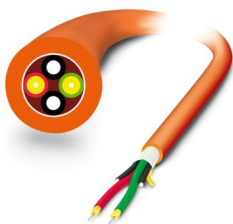
HCS assembly kit for B-FOC(ST) quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, four B-FOC(ST) connectors for standard HCS fiber, and documentation

Accessories

PSM-LWL-HCS-RUGGED-200/230 - FO cable

2799885

<https://www.phoenixcontact.com/us/products/2799885>



PCF cable, duplex 200 µm/230 µm, by the meter without male connector, for installation in stationary systems and machines

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PSM-LWL-HCSO-200/230 - FO cable

2799445

<https://www.phoenixcontact.com/us/products/2799445>



PCF cable, duplex 200/230 μm , by the meter, without connector, for outdoor installation

FOC-HCS-RUGGED-1014/IP20/... - FO patch cable

2901555

<https://www.phoenixcontact.com/us/products/2901555>



Robust PCF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, aramid strain relief elements, with individual elements made from FRNC material, halogen-free, ozone and UV resistant, with a polyurethane (PUR) outer sheath

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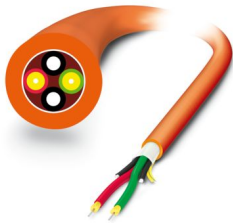
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FOC-HCS-RUGGED-1014/... - FO patch cable

1402191

<https://www.phoenixcontact.com/us/products/1402191>



rugged PCF installation cable for inner areas with highly tear-proof aramid strain-relief elements. Individual elements made from highly flexible FRNC material. The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

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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