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

2708481

https://www.phoenixcontact.com/pc/products/2708481

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B-FOC (ST) connector set for PCF fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve

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
Product Key	ABNACB
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

Type	ST series
Product type	Data plug
Cable outlet	straight

Electrical properties

Attenuation	≥ 2 dB (Insertion attenuation)
Transmission medium	FO

Dimensions

Width	9.5 mm
Length	82 mm

Mechanical characteristics

Ferrule diameter	2.50 mm

Material specifications

Material	Metal
Housing material	Metal

Cable / line

Cable type	PCF 200/230
Cable type	Single wires
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)

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

Mounting

Mounting type	For field assembly

cable layer type	Indoors

Approvals

EAC
Approval ID: B.01687

Classifications

ECLASS

ECLASS-9.0	19170122
ECLASS-10.0.1	19170122
ECLASS-11.0	19170122

ETIM

ETIM 8.0	EC001122

UNSPSC

UNSPSC 21.0	43223300

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Mandatory Accessories

Assembly tool

Assembly tool - PSM-HCS-KONFTOOL/B-FOC - 2708465

https://www.phoenixcontact.com/pc/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

FO cable

FO cable - PSM-LWL-HCS-RUGGED-200/230 - 2799885

https://www.phoenixcontact.com/pc/products/2799885

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

FO cable

FO cable - PSM-LWL-HCSO-200/230 - 2799445

https://www.phoenixcontact.com/pc/products/2799445

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

FO patch cable

FO patch cable - FOC-HCS-RUGGED-1014/IP20/... - 2901555

https://www.phoenixcontact.com/pc/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

Fiber optic coupling

Fiber optic coupling - FOC-ADAPTER:ST/ST-MM - 1208099

https://www.phoenixcontact.com/pc/products/1208099

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

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