

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



2313782

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

FO connectors, degree of protection: IP20, number of positions: 4, MM, material: Plastic, cable outlet: straight



ST simplex connector, IP20

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
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

2313782

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

Technical data

Product properties

Product type	Fiber optic 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

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



2313782

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

Classifications

ECLASS

ECLASS-13.0	19170122
ECLASS-15.0	19170122

ETIM

ETIM 10.0	EC001122
-----------	----------

UNSPSC

UNSPSC 21.0	43223300
-------------	----------

2313782

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

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	12.308 kg CO2e
---------	----------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com