

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% |
|-------------------------------------|----------------------------|

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