

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



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 |

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 |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 19170122 |
| ECLASS-15.0 | 19170122 |

ETIM

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

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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