

# 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



## 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            |

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## 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                             | $\geq 2$ 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      | $\leq 1.5$ dB |

### Characteristics

|             |                                     |
|-------------|-------------------------------------|
| Attenuation | $\geq 2$ 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 9.0 | 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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