

FOC-FR19:1U-17S12-LCD6-OM1 - Patch panel

1018568

<https://www.phoenixcontact.com/us/products/1018568>



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Preassembled 19" fiber-optic distributor box (1 RU) , M17 MPO series, for connecting an M17 MPO plug assembly.



Your advantages

- Prefabricated FO connection assembly, no welding required on site, plug-and-play
- 1U standard enclosure, receptacle and adapter, enable high-density FO connection
- Other modular housings (1 RU) are available for flexible configuration

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1018568 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB15 |
| Product key | ABNHBC |
| GTIN | 4067923225930 |
| Weight per piece (including packing) | 1,686 g |
| Weight per piece (excluding packing) | 1,686 g |
| Customs tariff number | 85367000 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Network distributor box |
| Housing type | Component housing |
| Type | 1 U |
| Sensor type | Ethernet |
| Number of positions | 12 |
| Connection profile | M17/UPC |

Electrical properties

| | |
|-------------|--------------|
| Attenuation | typ. 0.35 dB |
|-------------|--------------|

Dimensions

| | |
|--------|----------|
| Width | 482.6 mm |
| Height | 44.45 mm |
| Depth | 25.5 mm |

Material specifications

| | |
|--|---------------------|
| Color | gray |
| Flammability rating according to UL 94 | V0 |
| Ferrule material | PPS |
| Housing material | Aluminum alloy |
| Housing surface material | Powder-coated, gray |
| Outer sheath, material | LSFH |

Cable/line

| | |
|------------------------|--------------------------|
| Cable type | Multimode fiberglass |
| Cable type | Fan out |
| Outer sheath, material | LSFH |
| Halogen-free | according to IEC 60754-1 |

FO cable

| | |
|---------------------|----------------------------------|
| Fiber | 62.5/125 µm OM1 |
| Fiber type | Multimode fiberglass 62.5/125 µm |
| Attenuation | < 1.5 dB (1300 nm) |
| Transmission medium | Multi-mode fiberglass |

Mechanical properties

| | |
|-----------------------------|-------|
| Mechanical data | |
| Insertion/withdrawal cycles | > 500 |

Characteristics

| | |
|-------------|--------------|
| Attenuation | typ. 0.35 dB |
|-------------|--------------|

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Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 70 °C |

Mounting

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440219 |
| ECLASS-12.0 | 27440219 |
| ECLASS-13.0 | 19170113 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC000438 |
|----------|----------|

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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Accessories

FOC-17P12-17P12-GL02/40 - Connecting cable

1018529

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 µm OM1, with screw connection, length of FO cable: 40 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use



FOC-17P12-17P12-GL02/50 - Connecting cable

1018530

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 µm OM1, with screw connection, length of FO cable: 50 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use



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FOC-17P12-17P12-GL02/60 - Connecting cable

1018554

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 µm OM1, with screw connection, length of FO cable: 60 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use



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