

https://www.phoenixcontact.com/us/products/1087133

**PHŒNIX** CONTAC

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M17 MPO series pre-assembled FO plug assembly: 24-pos. plug-plug, multi-mode fiberglass G62.5/125um OM1, with screw connection, length of FO cable: 150 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts and cable protection pipes for indoor/outdoor use

### Your advantages

- The connector is small and compact, and it has a maximum outer diameter of 21 mm, which enables high-density installation
- IP67 degree of protection, stainless steel housing, ambient temperature -40 °C ... +85 °C, suitable for industrial applications and harsh environments
- Armored fiber FO cable for indoor and outdoor applications, low smoke and free of halogen, standard length can be ordered from 10 m ... 200 m, customized length on request
- The connector has integrated protective cover, so that it can be used on site conveniently

### **Commercial Data**

| Item number                          | 1087133       |
|--------------------------------------|---------------|
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales Key                            | AB12          |
| Product Key                          | ABNHBA        |
| GTIN                                 | 4055626880983 |
| Weight per Piece (including packing) | 22.22 g       |
| Weight per Piece (excluding packing) | 22.22 g       |
| Customs tariff number                | 85447000      |
| Country of origin                    | CN            |

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### **Technical Data**

#### Product properties Product type Data cable preassembled Number of positions 24 Electrical properties Transmission medium Multi-mode fiberglass Mechanical properties Tensile strength short-term/long-term 1500 N / 800N Material specifications V0 Flammability rating according to UL 94 Ferrule material PPS Outer sheath, material LSZH Cable/line Cable length 150 m Cable weight 81.00 kg/km Cable type Multimode fiberglass Non-metal armored fiber optic cable for indoor/outdoor Cable type applications External cable diameter 8.3 mm LSZH Outer sheath, material External sheath, color black Smallest bending radius, fixed installation 90 mm 1500 N / 800N Tensile strength short-term/long-term Lateral pressure, long-term 300.00 N/cm Halogen-free according to IEC 60754-1 FO cable Number of fibers 24 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

#### Environmental and real-life conditions

 Ambient conditions

 Degree of protection
 IP65/IP67

 Ambient temperature (operation)
 -40 °C ... 85 °C

 Shock
 50g, in accordance with IEC 61300-2-9

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### Approvals

EAC Approval ID: 19060508

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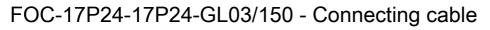
### Classifications

#### ECLASS

| ECLASS-12.0 27061003  | ECLASS-11.0 | 27061003 |
|-----------------------|-------------|----------|
| ECI ASS 12.0 27061002 | ECLASS-12.0 | 27061003 |
| ECLASS-13.0 27061003  | ECLASS-13.0 | 27061003 |

### ETIM

|        | ETIM 8.0    | EC002607 |  |  |
|--------|-------------|----------|--|--|
| UNSPSC |             |          |  |  |
|        | UNSPSC 21.0 | 26121600 |  |  |



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## **Environmental Product Compliance**

| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|
|            | No hazardous substances above threshold values          |

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Accessories

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

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

1U 19" pre-assembled fiber optic distribution box , M17 MPO series, for connecting M17 MPO plug assembly.



#### FOC-FR19:1U-217S12-LCD12-OM1 - Patch panels

#### 1018570

https://www.phoenixcontact.com/us/products/1018570

1U 19" pre-assembled fiber optic distribution box , M17 MPO series, for connecting M17 MPO plug assembly.



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