

https://www.phoenixcontact.com/us/products/1126995

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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: 110 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 | 1126995 |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB15 |
| Product key | ABNHBA |
| GTIN | 4063151053789 |
| 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 | 12 | | | |
| Electrical properties | | | | |
| Transmission medium | Multi-mode fiberglass | | | |
| | | | | |
| Mechanical properties | | | | |
| Tensile strength short-term/long-term | 1500 N / 800N | | | |
| Material specifications | | | | |
| Flammability rating according to UL 94 | V0 | | | |
| Ferrule material | PPS | | | |
| Outer sheath, material | LSZH | | | |
| Cable/line | | | | |
| Cable length | 110 m | | | |
| Cable weight | 40.00 kg/km | | | |
| Cable type | Multimode fiberglass | | | |
| Cable type | Non-metal armored fiber optic cable for indoor/outdoor applications | | | |
| External cable diameter | 7.5 mm | | | |
| Outer sheath, material | LSZH | | | |
| External sheath, color | black | | | |
| Smallest bending radius, fixed installation | 80 mm | | | |
| Tensile strength short-term/long-term | 1500 N / 800N | | | |
| Lateral pressure, long-term | 300.00 N/cm | | | |
| Halogen-free | according to IEC 60754-1 | | | |
| FO cable | | | | |
| Number of fibers | 12 | | | |
| Fiber | 62.5/125 μm OM1 | | | |
| Fiber type | Multimode fiberglass 62.5/125 μm | | | |
| Attenuation | ≤ 1.2 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

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1126995







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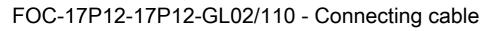
Classifications

ECLASS

| ECLASS-12.0 27061003 ECLASS-13.0 27061003 | ECLASS-11.0 | 27061003 |
|---|-------------|----------|
| ECLASS-13.0 27061003 | ECLASS-12.0 | 27061003 |
| | ECLASS-13.0 | 27061003 |

ETIM

| | ETIM 8.0 | EC002607 | | |
|----|-------------|----------|--|--|
| UN | 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

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



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

1018570

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

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



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