

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

**PHŒNIX** CONTACT

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu m$  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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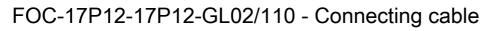
### Classifications

#### 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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