

# 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

## 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
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### 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
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### 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
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### 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  $\mu\text{m}$  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

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### 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  $\mu\text{m}$  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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