

# Connecting cable - FOC-17P4-17P4-GL01/120



1087146

<https://www.phoenixcontact.com/us/products/1087146>

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M17 series pre-assembled FO plug assembly: 4-pos. plug-plug, multi-mode fiberglass G62. 5/125um OM1, with screw connection, length of FO cable: 120 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	1087146
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	A08
Product Key	ABNFBA
GTIN	4055626883229
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	4

### Electrical properties

Transmission medium	Multi-mode fiberglass
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### Mechanical properties

Tensile strength short-term/long-term	1500 N / 800N
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### Material specifications

Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics

### Cable / line

Cable length	120 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
Smallest bending radius, fixed installation	80 mm
Halogen-free	according to IEC 60754-1

### FO cable

Number of fibers	4
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

### 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-9.0	17139201
ECLASS-10.0.1	17139201
ECLASS-11.0	27061003

### ETIM

ETIM 8.0	EC002607
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### 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

### Patch panels

Patch panels - FOC-FR19:1U-17S4-LCD2-OM1 - 1087135

<https://www.phoenixcontact.com/us/products/1087135>

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



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### Patch panels

Patch panels - FOC-FR19:1U-217S4-LCD4-OM1 - 1087121

<https://www.phoenixcontact.com/us/products/1087121>

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



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## Connecting cable

Connecting cable - FOC-17S4-LCD2-GF01/1 - 1087115

<https://www.phoenixcontact.com/us/products/1087115>

M17 series pre-assembled FO socket assembly: 4-position M17 socket, LC-Duplex on the other end, 1 m long, multi-mode fiberglass G62.5/125um OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



## Connecting cable

Connecting cable - FOC-17S4-LCD2-GF01/2 - 1087114

<https://www.phoenixcontact.com/us/products/1087114>

M17 series pre-assembled FO socket assembly: 4-position M17 socket, LC-Duplex on the other end, 2 m long, multi-mode fiberglass G62.5/125 um OM1, IP67 degree of protection when inserted, fixed installation for indoor use



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## Connecting cable

Connecting cable - FOC-17S4-ST:A4-GF01/1 - 1087108

<https://www.phoenixcontact.com/us/products/1087108>

M17 series pre-assembled FO socket assembly: 4-position M17 socket, ST on the other end, 1 m long, multi-mode fiberglass G62.5/125um OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



## Connecting cable

Connecting cable - FOC-17S4-ST:A4-GF01/2 - 1087107

<https://www.phoenixcontact.com/us/products/1087107>

M17 series pre-assembled FO socket assembly: 4-position M17 socket, ST on the other end, 2 m long, multi-mode fiberglass G62.5/125um OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



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