

1087166
<https://www.phoenixcontact.com/us/products/1087166>

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M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62. 5/125 µm OM1, with screw connection, length of FO cable: 30 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	1087166
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHBA
GTIN	4055626882765
Weight per piece (including packing)	1,880 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85447000
Country of origin	CN

FOC-17P4-17P4-GL01/30 - Connecting cable



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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
Outer sheath, material	LSZH

Connector

Connection 1

Locking type	17# thread type
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Cable/line

Cable length	30 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	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

Environmental and real-life conditions

Ambient conditions

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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/1087166>



EAC

Approval ID: 19060508

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002607
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UNSPSC

UNSPSC 21.0	26121600
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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-FR19:1U-17S4-LCD2-OM1 - Patch panel

1087135

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



FOC-FR19:1U-217S4-LCD4-OM1 - Patch panel

1087121

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



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1087166

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

1087115

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M17 series with preassembled FO socket assembly: 4-pos. M17 socket, LC duplex on the other end, 1 m long, multimode fiberglass G62.5/125 µm OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



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

1087114

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M17 series with preassembled FO socket assembly: 4-pos. M17 socket, LC duplex on the other end, 2 m long, multimode fiberglass G62.5/125 µm OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



FOC-17P4-17P4-GL01/30 - Connecting cable

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

1087108

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M17 series with preassembled FO socket assembly: 4-pos. M17 socket, ST on the other end, 1 m long, multimode fiberglass G62.5/125 µm OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



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

1087107

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M17 series with preassembled FO socket assembly: 4-pos. M17 socket, ST on the other end, 2 m long, multimode fiberglass G62.5/125 µm OM1, IP67 degree of protection after being inserted, fixed installation for indoor use



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