

FOC-17P12-17P12-GL02/5 - Connecting cable



1018494

<https://www.phoenixcontact.com/us/products/1018494>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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: 5 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
- Fast mounting thanks to preassembled fiber-optic cable
- Prefabricated FO connection assembly, no fusion splicing required on site, plug and play
- 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	1018494
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHBA
GTIN	4055626503608
Weight per piece (including packing)	520 g
Weight per piece (excluding packing)	520 g
Customs tariff number	85447000
Country of origin	CN

FOC-17P12-17P12-GL02/5 - Connecting cable



1018494

<https://www.phoenixcontact.com/us/products/1018494>

Technical data

Product properties

Product type	Data cable preassembled
Number of positions	12

Electrical properties

Attenuation	typ. 0.35 dB
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	LSFH

Connector

Connection 1

Locking type	Screw locking mechanism
Handle color	black
Degree of protection	IP67 (IEC 60529)

Connection 2

Locking type	Screw locking mechanism
Material	Stainless steelStainless steel
Degree of protection	IP67 (IEC 60529)

Cable/line

Cable length	75 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	LSFH
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
------------------	----

FOC-17P12-17P12-GL02/5 - Connecting cable



1018494

<https://www.phoenixcontact.com/us/products/1018494>

Fiber	62.5/125 µm OM1
Fiber type	Multimode fiberglass 62.5/125 µm
Attenuation	< 1.5 dB (1300 nm)
Return Loss	1.3 dB/km
Transmission medium	Multi-mode fiberglass

FOC-17P12-17P12-GL02/5 - Connecting cable



1018494

<https://www.phoenixcontact.com/us/products/1018494>

Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700
-----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

FOC-17P12-17P12-GL02/5 - Connecting cable



1018494

<https://www.phoenixcontact.com/us/products/1018494>

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com