FOC-17P12-17P12-GL02/90 - Connecting cable

1018559

https://www.phoenixcontact.com/us/products/1018559

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: 90 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

- Fast mounting thanks to preassembled fiber-optic cable
- The connector is small and compact, and it has a maximum outer diameter of 21 mm, which enables high-density installation
- 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	1018559
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHBA
GTIN	4055626503462
Weight per piece (including packing)	5,076 g
Weight per piece (excluding packing)	5,076 g
Customs tariff number	85447000
Country of origin	CN

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

Connector

Connection 1

Locking type	17# thread type
Handle color	black
Material	Stainless steel
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	90 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

Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700

UNSPSC

UNSPSC 21.0	26121600

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