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

1018494

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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: 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

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

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

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%

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