FOC-OP12-OP12-GL02/10 - Connecting cable

1415353

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Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 12

Product description

Robust connecting cable Q-ODC-12 to Q-ODC-12, push-pull interlocking, degree of protection: IP68

Your advantages

- Compact design with MT ferrule
- Push-pull interlocking
- For extreme ambient conditions

Commercial data

Item number	1415353
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHAA
Catalog page	Page 390 (C-2-2019)
GTIN	4055626047898
Weight per piece (including packing)	685 g
Weight per piece (excluding packing)	615 g
Customs tariff number	85447000
Country of origin	PL

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Technical data

Product properties

Product type	Data cable preassembled
Sensor type	Ethernet
Number of positions	12

Electrical properties

Attenuation	typ. 0.15 dB
	max. 0.35 dB
Transmission medium	Multi-mode fiberglass

Mechanical properties

Tensile strength short-term/long-term	500 N

Material specifications

Flammability rating according to UL 94	V0
Outer sheath, material	LSFH

Connector

Connection 1

Handle color	black
Insertion/withdrawal cycles	500 (In the event of repeated cleaning)
Degree of protection	IP68 (IEC 60529)
	IP68
Ambient temperature (operation)	-40 °C ... 85 °C (IEC 61300-2-22)
Number of positions	12
Insertion/withdrawal cycles	500
Locking type	Push Pull

Connection 2

Handle color	black
Insertion/withdrawal cycles	500 (In the event of repeated cleaning)
Ambient temperature (operation)	-40 °C ... 85 °C (IEC 61300-2-22)
Number of positions	12
Degree of protection	IP68 (IEC 60529)
Locking type	Push Pull

Cable/line

Cable length	10 m
Cable weight	55.00 kg/km
Cable type	Multimode fiberglass
Cable type	Zip cord, fiberglass
Cable abbreviation	12-.../H(ZNG)H-...70

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External cable diameter	7 mm
Outer sheath, material	LSFH
External sheath, color	black
Wire diameter incl. insulation	250 μm
Individual wire diameter	250 μm
Smallest bending radius, fixed installation	≥ 70 mm
Tensile strength short-term/long-term	500 N
Lateral pressure short term	500.00 N/cm
Lateral pressure, long-term	200.00 N/cm
Halogen-free	complying with IEC 60754-1/2

FO cable

Number of fibers	12
Fiber	62.5/125 μm OM1
Fiber type	Multimode fiberglass 62.5/125 μm
Attenuation	typ. 0.35 dB
Transmission medium	Multi-mode fiberglass

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 85 °C (IEC 61300-2-22)
Shock	50g, in accordance with IEC 61300-2-9

Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1415353

	EAC
EAC	Approval ID: 19060508

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Classifications

ECLASS

ECLASS-11.0	27440312
ECLASS-12.0	27440312
ECLASS-13.0	27440312

ETIM

ETIM 8.0	EC002641

UNSPSC

UNSPSC 21.0	39121400

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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

FOC-MODUL:3U-OS12-LCD6-OM1 - Module

1419978

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1*12-insert 3U module, type: 19"-rack mount patch module, degree of protection: IP20, number of positions: 1*12, marking material: aluminum, color: gray