FOC-OP12-OP12-GL02/60 - Connecting cable

1415230

https://www.phoenixcontact.com/us/products/1415230

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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	1415230
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB15
Product key	ABNHAA
GTIN	4055626045740
Weight per piece (including packing)	3,315 g
Weight per piece (excluding packing)	3,245 g
Customs tariff number	85447000
Country of origin	PL

Technical data

Product properties

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

Electrical properties

Attenuation	typ. 0.2 dB
	max. 0.6 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

Locking type	Push Pull
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)

Connection 2

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

Cable/line

Cable length	60 m
Cable weight	55.00 kg/km
Cable type	Multimode fiberglass
Cable type	Zip cord, fiberglass
Cable abbreviation	12-.../H(ZNG)H-...70
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. 0.15 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/1415230

EAC
Approval ID: 19060508

Classifications

ECLASS

ECLASS-11.0	27440312
ECLASS-13.0	27061003
ECLASS-12.0	27440312

ETIM

ETIM 8.0	EC002641

UNSPSC

UNSPSC 21.0	39121400

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%

Accessories

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

1419978

https://www.phoenixcontact.com/us/products/1419978



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

FOC-FR19:1U-2OS12-LCD12-OM1 - Patch panel

1419973

https://www.phoenixcontact.com/us/products/1419973

Patch panel, design: 19" rack patch module, degree of protection: IP67, number of positions: 24, material: Aluminum alloy, color: gray, Ethernet



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