

FOC-OP12-OP12-GL02/155 - Connecting cable



1421813

<https://www.phoenixcontact.com/us/products/1421813>

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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
- Front release without special tool

Commercial data

Item number	1421813
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNHAA
GTIN	4055626283012
Weight per piece (including packing)	9,550 g
Weight per piece (excluding packing)	8,350 g
Country of origin	CN

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Technical data

Product properties

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

Electrical properties

Attenuation	typ. 0.2 dB
	max. 0.6 dB
Transmission medium	Multi-mode fiberglass

Mechanical properties

Tensile strength short-term/long-term	500 N
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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	155 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

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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

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002641
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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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