

FOC-OS12-LCD6-GF02/1 - Distributor cable

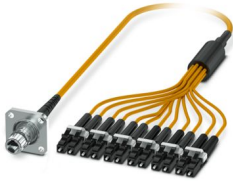


1415232

<https://www.phoenixcontact.com/us/products/1415232>

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.

Distributor cable, degree of protection: IP20, cable length: 1 m



Your advantages

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

Commercial data

Item number	1415232
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	ABNHAB
GTIN	4055626045757
Weight per piece (including packing)	146 g
Weight per piece (excluding packing)	22.22 g
Country of origin	PL

1415232

<https://www.phoenixcontact.com/us/products/1415232>

Technical data

Product properties

Product type	Data cable preassembled
Number of positions	12
No. of conductors	12

Electrical properties

Attenuation	typ. 0.35 dB
	max. 0.6 dB
Transmission medium	Multi-mode fiberglass

Mechanical properties

Tensile strength short-term/long-term	500 N / 200 N
---------------------------------------	---------------

Material specifications

Ferrule material	Zirconia ceramics
Outer sheath, material	LSFH

Connector

Connection 1

Locking type	Push Pull
Insertion/withdrawal cycles	500 (In the event of repeated cleaning)
Degree of protection	IP68 (IEC 60529)
Ambient temperature (operation)	-20 °C ... 70 °C (IEC 60794-1-2 F1)

Connection 2

Locking type	Push Pull
Material	Plastic
Degree of protection	IP20 (IEC 60529)

Cable/line

Cable length	1 m
Cable weight	8.30 kg/km
Cable type	Multimode fiberglass
Cable type	Fan out
Cable abbreviation	12-.../(ZN)H-...30
External cable diameter	7 mm
Outer sheath, material	LSFH
External sheath, color	orange
Wire diameter incl. insulation	250 µm
Individual wire diameter	250 µm
Tensile strength short-term/long-term	500 N / 200 N
Lateral pressure short term	500.00 N/cm

FOC-OS12-LCD6-GF02/1 - Distributor cable



1415232

<https://www.phoenixcontact.com/us/products/1415232>

Lateral pressure, long-term	100.00 N/cm
Halogen-free	complying with IEC 60754-1/2

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C (IEC 60794-1-2 F1)
Ambient temperature (storage/transport)	-20 °C ... 70 °C (IEC 60794-1-2 F1)
Ambient temperature (assembly)	-10 °C ... 50 °C (IEC 60794-1-2 F1)

FOC-OS12-LCD6-GF02/1 - Distributor cable



1415232

<https://www.phoenixcontact.com/us/products/1415232>

Classifications

ECLASS

ECLASS-13.0

27061003

UNSPSC

UNSPSC 21.0

39121400

FOC-OS12-LCD6-GF02/1 - Distributor cable



1415232

<https://www.phoenixcontact.com/us/products/1415232>

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