

FOC-LC:PA-LC:PA-OM3:D01/10 - FO patch cable



1185478

<https://www.phoenixcontact.com/us/products/1185478>

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.

Multi-mode OM3 duplex jumper, LC-LC, UPC polishing, length 10 m



Your advantages

- Comprehensively tested according to IEC 61753-122-2 and IEC 61753-1 Cat. C
- Temperature change test in accordance with IEC 61300-2-1
- Vibration test according to IEC 61300-2-1
- Tensile strength of the cable connection according to IEC 61300-2-5
- Multimode patch cable with outstanding optical and mechanical properties for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- Fire protection with LSZH sheath and UL 94 V0 components
- Interferometer tests at every stage of the certification process
- Satisfies optical and mechanical industry standards
- Connector with UPC polishing for optimum attenuation values

Commercial data

Item number	1185478
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNIBC
GTIN	4063151225902
Weight per piece (including packing)	82 g
Weight per piece (excluding packing)	82 g
Country of origin	CN

1185478

<https://www.phoenixcontact.com/us/products/1185478>

Technical data

Product properties

Product type	Data cable preassembled
Number of positions	2

Electrical properties

Transmission medium	Multi-mode fiberglass
Transmission speed	10 Gbps
Transmission speed	10 Gbps

Mechanical properties

Tensile strength short-term/long-term	70 N
---------------------------------------	------

Material specifications

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

Dimensions

External dimensions

External diameter min.	2 mm
External diameter max.	4 mm

Connector

Connection 2

Type	Plug LC duplex
Degree of protection	IP20

Cable/line

Cable length	10.00 m
Cable weight	5.30 kg/km
Cable type	Multimode fiberglass
Cable type	Non-metallic , thermoplastic low smoke halogen-free polyolefin
Cable abbreviation	I-V(ZN)H
Cable structure	Figure 8 cable
Outer sheath, material	LSZH
External sheath, color	aqua
Single wire, number of litz wires	2
Individual wire diameter	900 µm
Bending radius, long-term	50 mm
Bending radius short term/long term	30 mm
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	7.5 mm

FOC-LC:PA-LC:PA-OM3:D01/10 - FO patch cable



1185478

<https://www.phoenixcontact.com/us/products/1185478>

Tensile strength short-term/long-term	70 N
Lateral pressure, long-term	100.00 N/cm
Halogen-free	complying with IEC 60754-1/2
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
Concentration of fumes	in accordance with IEC 61034
Flame resistance	yes
Behavior in fire	No corrosive or toxic fumes

FO cable

Number of fibers	2
Fiber	50/125 µm
Fiber type	Multimode fiberglass 50/125 µm
Cable, attenuation	3.5 dB/km (850 nm) , 1.5 dB/km (1300 nm)
Attenuation	≤ 3.5 dB/km (with 850 nm)
Transmission medium	Multi-mode fiberglass

Standards and regulations

Behavior in fire	No corrosive or toxic fumes
Flame resistance	yes
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
Concentration of fumes	in accordance with IEC 61034

FOC-LC:PA-LC:PA-OM3:D01/10 - FO patch cable



1185478

<https://www.phoenixcontact.com/us/products/1185478>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1185478>



EAC

Approval ID: 19060508

1185478

<https://www.phoenixcontact.com/us/products/1185478>

Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700
-----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

1185478

<https://www.phoenixcontact.com/us/products/1185478>

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