

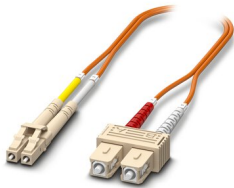
FOC-LC:PA-SC:PA-OM2:D01/0.5 - FO patch cable



1115608

<https://www.phoenixcontact.com/us/products/1115608>

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.



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
- 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	1115608
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	AB15
Product Key	ABNIBC
GTIN	4063151040505
Weight per Piece (including packing)	21.3 g
Weight per Piece (excluding packing)	9 g
Customs tariff number	85447000
Country of origin	CN

1115608

<https://www.phoenixcontact.com/us/products/1115608>

Technical Data

Product properties

Product type	Data cable preassembled
Number of positions	2
Connection profile	LC/UPC-SC/UPC connector

Electrical properties

Transmission medium	Multi-mode fiberglass
---------------------	-----------------------

Mechanical properties

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

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

Material specifications

Flammability rating according to UL 94	V0
--	----

Dimensions

External dimensions

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

Cable/line

Cable length	0.50 m
Cable weight	5.30 kg/km
Cable type	Multimode fiberglass
Cable type	Zip cord
Cable abbreviation	I-V(ZN)H
Cable structure	Figure 8 cable
External cable diameter	2.00 mm
Outer sheath, material	LSZH
External sheath, color	orange
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	30 mm
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

FOC-LC:PA-SC:PA-OM2:D01/0.5 - FO patch cable



1115608

<https://www.phoenixcontact.com/us/products/1115608>

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	Fiberglass
Fiber type	Multi-mode 50/125 µm fiberglass
Attenuation	≤ 3.5 dB/km (with 850 nm)
Transmission medium	Multi-mode fiberglass

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
Ambient temperature (assembly)	-20 °C ... 60 °C
Ambient temperature (installation)	-20 °C ... 60 °C
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes

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-SC:PA-OM2:D01/0.5 - FO patch cable



1115608

<https://www.phoenixcontact.com/us/products/1115608>

Approvals



EAC

Approval ID: B.01687

1115608

<https://www.phoenixcontact.com/us/products/1115608>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002607
----------	----------

UNSPSC

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

FOC-LC:PA-SC:PA-OM2:D01/0.5 - FO patch cable



1115608

<https://www.phoenixcontact.com/us/products/1115608>

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
------------	---

Phoenix Contact 2023 © - 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