

FO patch cable - FOC-LC:PA-LC:PA-OS2:D01/0.5



1111540

<https://www.phoenixcontact.com/us/products/1111540>

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Single-mode OS2 duplex jumper, LC-LC, UPC polishing, length 0.5 m



Commercial Data

Item number	1111540
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	A08
Product Key	ABNACF
GTIN	4063151031275
Weight per Piece (including packing)	16.1 g
Weight per Piece (excluding packing)	16.1 g
Customs tariff number	85447000
Country of origin	CN

Technical Data

Product properties

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

Electrical properties

Transmission medium	Single-mode fiberglass
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Mechanical properties

Bending radius, long-term	50 mm
Bending radius short term/long term	30 mm
Tensile strength short-term/long-term	70 N

Material specifications

Flammability rating according to UL 94	V0
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Dimensions

External dimensions

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

Connector

Insertion/withdrawal cycles	≥ 500
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Connection 1

Degree of protection	IP20
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Cable / line

Cable length	0.50 m
Cable weight	5.30 kg/km
Cable abbreviation	I-V(ZN)H
Cable type	Single-mode fiberglass
Cable type	Non-metallic , thermoplastic low smoke halogen-free polyolefin
Cable structure	Figure 8 cable
External cable diameter	2 mm ±0.2 mm
Outer sheath, material	LSZH
External sheath, color	yellow
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

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Smallest bending radius, movable installation	16 mm
Tensile strength short-term/long-term	70 N
Lateral pressure, long-term	100.00 N/cm
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	16 mm
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	Fiberglass
Fiber type	Single mode fiberglass, 9/125 µm
Attenuation	< 0.5 dB/km ()
Return Loss	≥ 50 dB (Plug)
Transmission medium	Single-mode fiberglass

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
Standards/specifications	IEC 61300-3-4
	RL: IEC 61300-3-6

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Approvals



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-9.0	27061003
ECLASS-10.0.1	27061003
ECLASS-11.0	27061003

ETIM

ETIM 8.0	EC002607
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UNSPSC

UNSPSC 21.0	26121600
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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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