

FOC-LC:PA-ST:PA-OM4:D01/2 - Fiber optic cable

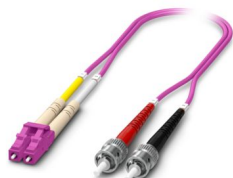


1492354

<https://www.phoenixcontact.com/gb/products/1492354>

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Fiber optic cable, degree of protection: IP20, cable length: 2 m, number of positions: 2, 1 bps, OM2



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	1492354
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	ABNIBC
Product key	ABNIBC
GTIN	4063151940812
Weight per piece (including packing)	32.3 g
Weight per piece (excluding packing)	120 g
Customs tariff number	85472000
Country of origin	CN

Technical data

Product properties

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

Electrical properties

Transmission medium	Multi-mode fiberglass
Transmission speed	1 bps

Mechanical properties

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

Insertion/withdrawal cycles	≥ 500
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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 1

Type	Plug straight LC duplex
Degree of protection	IP20

Connection 2

Type	Plug straight 2x ST
Degree of protection	IP20

Cable/line

Cable length	2.00 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

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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
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	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

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Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700
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UNSPSC

UNSPSC 21.0	27111500
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