

FO patch cable - FL MM PATCH 1,0 LC-SC - 2989161

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Assembled fiber optic cable, break-out cable, fiberglass multi-mode 50/125 µm, connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	40.0 GRM
Custom tariff number	85444210
Country of origin	Czech Republic

Technical data

Cable type

Cable type	Multimode fiberglass
------------	----------------------

Ambient conditions

Ambient temperature (operation)	-5 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes

External sheath

Outer sheath, material	FRNC
External sheath, color	orange
External sheath, strain relief elements	Non-metallic, aramide fiber
External diameter max.	5.7 mm

Single wire

Individual wires per module	2
Individual wire, diameter	2.8 mm

Mechanical properties

Bending radius short term/long term	30 mm
-------------------------------------	-------

FO patch cable - FL MM PATCH 1,0 LC-SC - 2989161

Technical data

Mechanical properties

Bending radius, long-term	60 mm
Lateral pressure, long-term	60 N/cm
Tensile strength short-term/long-term	600 N

General

Cable weight	15.8 kg/km
Transmission characteristics (category)	OM2
Transmission speed	1 Gbps

Behavior in fire

Flame resistance	According to DIN 60332-1-2 IEC 60332-3-22 (Cat. A)
Concentration of fumes	in accordance with IEC 61034
Halogen-free	According to IEC 60754-2
Behavior in fire	No corrosive or toxic fumes 0.36 MJ/m

Attenuation

Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)
--------------------	---

Classifications

eCl@ss

eCl@ss 4.0	27061003
eCl@ss 4.1	27061003
eCl@ss 5.0	27061003
eCl@ss 5.1	27061003
eCl@ss 6.0	27259207
eCl@ss 7.0	27259207
eCl@ss 8.0	27061003

ETIM

ETIM 2.0	EC001263
ETIM 3.0	EC001263
ETIM 4.0	EC001263
ETIM 5.0	EC001263

UNSPSC

UNSPSC 6.01	26121607
-------------	----------

FO patch cable - FL MM PATCH 1,0 LC-SC - 2989161

Classifications

UNSPSC

UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607