

FO patch cable - FL SM PATCH 1,0 LC-SC - 2989190

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 single mode 9/125 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
GTIN	 4 046356 354745
Weight per Piece (excluding packing)	33.0 g
Custom tariff number	85444210
Country of origin	Czech Republic
Note	Made to Order (non-returnable)

Technical data

Cable type

Cable type	Single-mode 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	yellow
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 SM PATCH 1,0 LC-SC - 2989190

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

Conductor length	1 m
Cable weight	15.8 kg/km
Transmission characteristics (category)	OS2
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

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	EC002607
ETIM 5.0	EC001263

UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607

FO patch cable - FL SM PATCH 1,0 LC-SC - 2989190

Accessories

Accessories

Adapter

Fiber optic coupling - PSM-SET-BFOC-LINK/2 - 2799429



Coupling; set consisting of 2 couplings for connecting B-FOC plugs

Fiber optic coupling - FL SM PATCH COUPLER LC-LC - 2700313



Coupling, LC/LC, can be used for single mode glass fibers

Fiber optic coupling - FL COUPLER SC-DUPLEX - 2901788



Coupling, SC duplex/SC duplex, compatible with multi-mode and single mode glass fibers, PCF, and polymer fibers

Fiber optics connector (device side)

SC-RJ female insert - VS-SCRJ-GOF-BU/BU - 1652978



SC-RJ socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers