

## FO patch cable - FL MM PATCH 5,0 SC-SC - 2901808

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 FO cable, break out cable, multi-mode fiberglass 50/125 µm, connector: SC Duplex / SC-Duplex, protection type: IP20, for installation in cable ducts or control cabinets, length: 5 m



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 GRM
Custom tariff number	85447000
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 5,0 SC-SC - 2901808

## 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
Cable, attenuation	2.5 dB/km
	0.7 dB/km

### 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

850 nm	2.5 dB/km
1300 nm	0.7 dB/km

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
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	EC000034
ETIM 3.0	EC000034
ETIM 4.0	EC000034
ETIM 5.0	EC001263

## FO patch cable - FL MM PATCH 5,0 SC-SC - 2901808

### Classifications

#### UNSPSC

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