



**Automatización Eléctrica**  
Especialistas en Automatización

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## FO patch cable - FL SM PATCH 1,0 SC-SC - 2901829

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### Why buy this product

- Single-mode patch cable for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- 2.8 mm single elements made from halogen-free and flame-retardant material

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 634144

### Technical data

#### Cable type

Cable abbreviation	I-V(ZN)H
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
External diameter min.	2.8 mm

#### Single wire

Individual wires per module	2
Individual wire, diameter	900 µm

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## Technical data

### Single wire

Single wire, strain relief elements	Non-metallic, aramide fibers
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### Mechanical properties

Bending radius short term/long term	30 mm
Bending radius, long-term	60 mm
Lateral pressure, long-term	60 N/cm
Tensile strength short-term/long-term	600 N
Cable, attenuation	0.38 dB/km
	0.28 dB/km

### General

Conductor length	1 m
Cable weight	15.8 kg/km
Transmission characteristics (category)	OS2
Transmission speed	10 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

1300 nm	0.38 dB/km
1550 nm	0.28 dB/km

### Standards and Regulations

Concentration of fumes	in accordance with IEC 61034
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
Halogen-free	According to IEC 60754-2
Behavior in fire	No corrosive or toxic fumes
	0.36 MJ/m
Flame resistance	According to DIN 60332-1-2
	IEC 60332-3-22 (Cat. A)

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27061003
eCl@ss 5.0	27061003

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### Classifications

#### eCl@ss

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

#### UNSPSC

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

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Product	Code	Reference	Product link
Assembled FO cable, break out cable, single mode fiberglass 9/125 $\mu\text{m}$ , connector: SC Duplex / SC-Duplex, protection type: IP20, for installation in cable ducts or control cabinets, length: 1 m	2901829	FL SM PATCH 1,0 SC-SC	<a href="#">Buy on EAN</a>