

## FO patch cable - FL SM PATCH 5,0 SC-ST - 2901834

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Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber)  
connector: SC duplex/B-FOC(ST®), degree of protection: IP20, for installation in cable ducts or control cabinets,  
length: 5 m




### 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

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 634854
GTIN	4046356634854
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85447000
Country of origin	Germany

### 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

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### Technical data

#### Ambient conditions

Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
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#### 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
Single wire, strain relief elements	Non-metallic, aramide fibers

#### 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	5 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

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### Technical data

#### Standards and Regulations

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Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
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Behavior in fire	No corrosive or toxic fumes
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Flame resistance	According to DIN 60332-1-2
	IEC 60332-3-22 (Cat. A)

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"