

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

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



Your advantages

- ✓ 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 IP20

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356354745

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

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External sheath

External diameter min.	2.8 mm
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Single wire

Single wires, quantity	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	60.00 N/cm
Tensile strength short-term/long-term	600 N
Cable, attenuation	0.38 dB/km
	0.28 dB/km

General

Conductor length	1.00 m
Cable weight	15.80 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
Flame resistance	according to DIN 60332-1-2
	IEC 60332-3-22 (Cat. A)
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

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Approvals

Approvals

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EAC

Ex Approvals

Approval details

EAC		B.01742
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