

FO patch cable - FL MM PATCH 1,0 ST-ST - 2901815

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Assembled FO cable, break out cable, multimode fiberglass 50/125 µm (OM2), connector: B-FOC(ST®)/B-FOC(ST®), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m



Why buy this product

- ✓ Multi-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 634311
GTIN	4046356634311

Technical data

Cable type

Cable abbreviation	I-V(ZN)H
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

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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	2.5 dB/km
	0.7 dB/km
Numerical aperture	0.2

General

Conductor length	1 m
Cable weight	15.80 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

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