

FO cable - PSM-LWL-GDM-RUGGED- 50/125 - 2799322

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Fiberglass cable, duplex 50/125 µm, by the meter, without connector, for indoor installation

The illustration shows version PSM-LWL-PCF-200/230

Product Features

- Highly tear-resistant aramid strain relief elements
- Rugged installation cable for indoor use
- Rugged polyurethane (PUR) outer sheath
- 2.9 mm individual wires made from highly flexible FRNC material
- Halogen-free, ozone, and UV resistant



Key Commercial Data

Packing unit	1 M
Weight per Piece (excluding packing)	51.88 g
Custom tariff number	85447000
Country of origin	Germany

Technical data

Mechanical characteristics

Number of positions	2
Fiber	Fiberglass, 50/125 µm
Cable diameter	8 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	5000 m

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Technical data

Material data

Outer sheath, material	PUR
External sheath, color	orange

Electrical characteristics

Number of positions	2
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Line characteristics

Cable type	Multimode fiberglass
Cable abbreviation	I-V(ZN)H11Y 2G50/125 2,5B600+0,7F1200
Length of cable	Free input (1.0 ... 2000 m)
External cable diameter	8 mm
Wire colors	Red/Green
External sheath, color	orange
Outer sheath, material	PUR
Cable weight	50 kg/km
Bending radius, single element	30 mm (Short-term) 50 mm (Permanent)
Bending radius, entire cable	65 mm (Short-term) 65 mm (Permanent)
Tensile strength short-term/long-term	1000 N / 200 N
Lateral pressure short term	400 N/cm
Lateral pressure, long-term	100 N/cm
Impact strength	2 Nm / 10 x
cable layer type	Indoors
Halogen-free	According to IEC 60754-2
Fiber	Fiberglass, 50/125 µm

Attenuation

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

Standards and Regulations

Impact strength	2 Nm / 10 x
Halogen-free	According to IEC 60754-2

Classifications

eCl@ss

eCl@ss 4.0	27061001
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Classifications

eCl@ss

eCl@ss 4.1	27061001
eCl@ss 5.0	27061803
eCl@ss 5.1	27061803
eCl@ss 6.0	27061803
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803
eCl@ss 9.0	27061803

ETIM

ETIM 2.0	EC001122
ETIM 3.0	EC001122
ETIM 4.0	EC001122
ETIM 5.0	EC000034

UNSPSC

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

Accessories

Accessories

Assembly tool

Stripping tool - PSM-FO-STRIP - 2744199



Stripping pliers for transmitting individual elements of the fiber optic cable. Especially suited for all polymer and PCF cables. Special mechanics and precise blade form avoid damage to the fiber optic fibers. Dimensions: (L x W x H) 160 x 130 x 36 mm.

Data cable preassembled

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Accessories

FO patch cable - FOC-GDM-RUGGED-1016/IP20/... - 2901558



rugged GOF installation cable (IP20 heads only) for inner areas with highly tear-proof aramid strain-relief elements. Individual elements consist of highly flexible FRNC material. The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

FO patch cable - FOC-GDM-RUGGED-1016/... - 1402193



rugged GOF installation cable for inner areas with highly tear-proof aramid strain-relief elements. Individual elements consist of highly flexible FRNC material. The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

Mouser Electronics

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