

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-HCS-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 GRM
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
Degree of protection	IP20

Material data

Outer sheath, material	PUR
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Technical data

Material data

External sheath, color	orange
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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
Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)
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

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Altitude	5000 m
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Classifications

eCl@ss

eCl@ss 4.0	27061001
eCl@ss 4.1	27061001
eCl@ss 5.0	27061803
eCl@ss 5.1	27061803

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Classifications

eCl@ss

eCl@ss 6.0	27061803
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803

ETIM

ETIM 2.0	EC001122
ETIM 3.0	EC001122
ETIM 4.0	EC001122
ETIM 5.0	EC000830

UNSPSC

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