

FO cable - PSM-LWL-GDO- 50/125 - 2799432

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

Product Features

- ✓ Watertight lengthwise
- ✓ Integrated vapor barrier and rodent-proof scrim
- ✓ Extremely rugged polyethylene outer sheath
- ✓ 2.2 mm individual wires made from highly flexible FRNC material
- ✓ Rugged round cable for outdoor installation
- ✓ Ozone and UV resistant
- ✓ Integrated vapor barrier and rodent-proof scrim

Key commercial data

Packing unit	1 M
Weight per Piece (excluding packing)	107.89 GRM
Custom tariff number	85447000
Country of origin	Germany

Technical data

Mechanical characteristics

Number of positions	2
Fiber	Fiberglass, 50/125 µm
Cable diameter	10.5 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 70 °C
Altitude	5000 m

Material data

Outer sheath, material	PE
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Technical data

Material data

External sheath, color	black
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Electrical characteristics

Number of positions	2
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Line characteristics

Cable type	Fiberglass
Cable abbreviation	AT-VQH(BN)2Y 2G50/125 2,5B600+0,7F1200
Length of cable	Free entry (1.0 ... 1000.0 m)
External cable diameter	10.5 mm
Wire colors	Red/Green
External sheath, color	black
Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)
Outer sheath, material	PE
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	97 kg/km
Bending radius, single element	30 mm (Short-term) 50 mm (Permanent)
Bending radius, entire cable	150 mm (Short-term) 200 mm (Permanent)
Tensile strength short-term/long-term	1500 N / 500 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
Impact strength	1,5 Nm / 3 x
cable layer type	Outdoors
Halogen-free	According to IEC 60754-2

Ambient conditions

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Altitude	5000 m

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

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