

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

Your advantages

- ✓ Rugged round cable for outdoor installation
- ✓ Watertight lengthwise
- ✓ Integrated vapor barrier and rodent-proof scrim
- ✓ Extremely rugged polyethylene 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
GTIN	 4 017918 138820
GTIN	4017918138820

Technical data

Mechanical characteristics

Weight	107.89 g
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Ambient conditions

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

Electrical characteristics

Number of positions	2
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Line characteristics

Cable abbreviation	AT-VQH(BN)2Y 2G50/125 2,5B600+0,7F1200
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Technical data

Line characteristics

Length of cable	Free entry (1.0 ... 1000.0 m)
External cable diameter	10.5 mm
Wire colors	Red/Green
External sheath, color	black
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
Fiber	Fiberglass, 50/125 µm

Attenuation

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

Standards and Regulations

Impact strength	1,5 Nm / 3 x
Halogen-free	According to IEC 60754-2

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27061803
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803

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Classifications

eCl@ss

eCl@ss 9.0	27061803
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ETIM

ETIM 2.0	EC001122
ETIM 3.0	EC001122
ETIM 4.0	EC001122
ETIM 5.0	EC000034
ETIM 6.0	EC000034
ETIM 7.0	EC000034

UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607
UNSPSC 18.0	26121607
UNSPSC 19.0	26121607
UNSPSC 20.0	26121607
UNSPSC 21.0	26121607

Accessories

Accessories

Data cable preassembled

FO patch cable - FOC-GDO-1017/IP20/... - 2901559



Highly rugged GOF round cable (IP20 heads only) for assembly and for outdoor installation with integrated moisture barrier as well as rodent-proof scrim. Individual elements made from highly flexible FRNC material. The wire is ozone and UV resistant with a very rugged polyethylene outer sheath.

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