

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 g
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

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Technical data

Material data

Outer sheath, material	PE
External sheath, color	black

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
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

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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
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-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.

Mouser Electronics

Authorized Distributor

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