


# PSM-LWL-GDO- 50/125

Order No.: 2799432



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

Commercial data	
EAN	 4 017918 138820
Note	Made-to-order
sales group	H628
Pack	1 m
Customs tariff	85447000
Gross weight in pieces	0.10789 KG
Net weight per piece	0.10789 KG
Catalog page information	Page 398 (C-8-2013)

### Product notes

WEEE/RoHS-compliant since:  
01/29/2007



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

#### 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
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

#### Certificates / Approvals

Certification

Certifications applied for:

Certification Ex:

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### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2901559	FOC-GDO-1017/IP20/...	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.
<b>Tools</b>		
2744199	PSM-FO-STRIP	Stripping pliers for transmitting individual elements of the fiber optic cable. Especially suited for all polymer and HCS 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.

**Address**

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