



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

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