



Automatización Eléctrica
Especialistas en Automatización

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FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

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Polymer fiber cable, duplex, 980 µm/1000 µm, heavy version for permanent indoor installation, sold by the meter without connectors

Why buy this product

- Reinforced polyurethane (PUR) outer sheath
- 2.2 mm individual wires made from extremely hard-wearing polyamide (PA)
- Designed to meet increased requirements in terms of tensile and lateral loads
- Rugged installation cable for fixed installation indoors
- Halogen-free, ozone, and UV resistant

Key Commercial Data

Packing unit	1 M
GTIN	 4 017918 170844

Technical data

Mechanical characteristics

Number of positions	2
Fiber	Polymer fiber, 980/1000 µm
Cable diameter	8 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	5000 m

Material data

Outer sheath, material	PUR
External sheath, color	red

Electrical characteristics

Number of positions	2
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Line characteristics

Cable type	Polymer fiber
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Technical data

Line characteristics

Cable abbreviation	J-V11Y 4Y2P 980/1000 160A 10
Length of cable	Free input (0.4 ... 100 m)
External cable diameter	8 mm
Wire colors	black/orange
External sheath, color	red
Outer sheath, material	PUR
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	54 kg/km
Bending radius, single element	30 mm (Short-term) 30 mm (Permanent)
Bending radius, entire cable	65 mm (Short-term) 65 mm (Permanent)
Tensile strength short-term/long-term	1000 N / 100 N
Lateral pressure short term	300 N/cm
Lateral pressure, long-term	20 N/cm
Impact strength	2 Nm / 10 x
cable layer type	Indoors
Halogen-free	According to IEC 60754-2
Fiber	Polymer fiber, 980/1000 µm

Attenuation

660 nm	230 dB/km
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Standards and Regulations

Impact strength	2 Nm / 10 x
Halogen-free	According to IEC 60754-2

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

ETIM

ETIM 2.0	EC000034
ETIM 3.0	EC000034
ETIM 4.0	EC000034

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Classifications

ETIM

ETIM 5.0	EC000034
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UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607

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Product	Code	Reference	Product link
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