



Automatización Eléctrica
Especialistas en Automatización

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FO cable - PSM-LWL-HCS-RUGGED-200/230 - 2799885

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PCF cable, duplex 200/230 µm, by the meter, without connector, for indoor installation

Why buy this product

- 2.9 mm individual wires made from highly flexible FRNC material
- Rugged installation cable for indoor use
- Highly tear-resistant aramid strain relief elements
- Rugged polyurethane (PUR) outer sheath
- Halogen-free, ozone, and UV resistant

Key Commercial Data

Packing unit	1 M
GTIN	 4 017918 074159

Technical data

Mechanical characteristics

Fiber	HCS, 200/230 µm
Cable diameter	8 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
	-20 °C ... 70 °C (with quick mounting connector)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	5000 m

Material data

Outer sheath, material	PUR
External sheath, color	orange

Line characteristics

Cable type	PCF
Cable abbreviation	I-VH11Y 2K200/230 HCS
Length of cable	Free input (1.0 ... 2000 m)

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Technical data

Line characteristics

External cable diameter	8 mm
Wire colors	Red/Green
External sheath, color	orange
Outer sheath, material	PUR
Cable weight	54 kg/km
Bending radius, single element	30 mm (Short-term) 50 mm (Permanent)
Bending radius, entire cable	65 mm (Short-term) 65 mm (Permanent)
Impact strength	2 Nm / 10 x
cable layer type	Indoors
Halogen-free	According to IEC 60754-2
Resistance to oil	IRM 902 No.2, 100 °C, DIN VDE 0473-811-2-1
Fiber	HCS, 200/230 µm

Attenuation

660 nm	10 dB/km
850 nm	8 dB/km

Standards and Regulations

Resistance to oil	IRM 902 No.2, 100 °C, DIN VDE 0473-811-2-1
Resistance to UV radiation	500 hours, according to DIN EN ISO 4892-2
Impact strength	2 Nm / 10 x
Free from substances that could impair the application of coating	according to P-VW 3.10.7 57 65 0 VW-AUDI-Seat central standard
Halogen-free	According to IEC 60754-2
Behavior in fire	1.72 MJ/m (0.48 kWh/m)

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	EC000752
ETIM 3.0	EC000752
ETIM 4.0	EC000752

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Classifications

ETIM

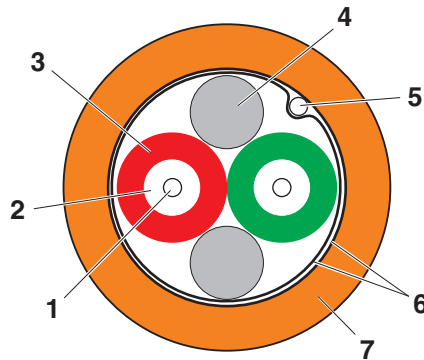
ETIM 5.0	EC000034
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UNSPSC

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

Drawings

Schematic diagram



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