

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

Product Features

- 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
Weight per Piece (excluding packing)	47.0 g
Custom tariff number	85447000
Country of origin	Germany

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
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Technical data

Material data

External sheath, color	orange
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Line characteristics

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

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Classifications

eCl@ss

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
ETIM 5.0	EC000034

UNSPSC

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

Drawings

Schematic diagram

