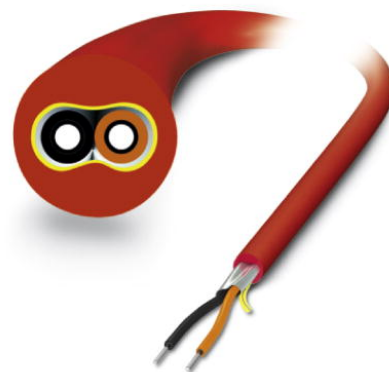


PSM-LWL-KDHEAVY-980/1000


Order No.: 2744319



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2744319>

Polymer fiber cable, duplex 980/1000 µm, medium-weight version for permanent indoor installation, by the meter, without connector

Commercial data

GTIN (EAN)	 4 017918 170851
Note	Made-to-order
sales group	H628
Pack	1 m
Customs tariff	85447000
Catalog page information	Page 514 (IF-2011)

Product notes

WEEE/RoHS-compliant since:
07/17/2006



<http://www.download.phoenixcontact.com>
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Technical data

Mechanical characteristics

Fiber	Polymer fiber, 980/1000 µm
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

Material data

Outer sheath, material	PUR
External sheath, color	red

Optical characteristics

Wavelength	660 nm
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Line characteristics

Cable type	Polymer fiber
Cable abbreviation	J-V11Y 4Y2P 980/1000 160A 10
Length of cable	Free input (0.4 ... 100 m)
Wire colors	black/orange
External sheath, color	red
Cable, attenuation	230 dB/km (at 660 nm)
Outer sheath, material	PUR
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	33 kg/km
Tensile strength short-term/long-term	600 N / 100 N
Lateral pressure short term	200 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

Temperature data

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

Accessories

Item	Designation	Description
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Cable/conductor

1402188	FOC-KDHEAVY-1011/...	POF installation cable for fixed installation in the inner area with individual elements made of highly durable polyamide (PE). The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.
2901553	FOC-KDHEAVY-1011/IP20/...	POF installation cable (IP20 heads only) for fixed installation in the inner area with individual elements made of highly durable polyamide (PE). The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

Plug/Adapter

2799720	PSM-SET-FSMA/4-KT	F-SMA plug set for polymer fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve
2708656	PSM-SET-SCRJ-DUP/2-POF	SCRJ connector set for polymer fiber, for self assembly, consisting of 2 duplex quick mounting connectors with bending protection

Tools

2744131	PSM-POF-KONFTOOL	Polymer fiber DIY case, consisting of: Stripping knife, stripping pliers, polishing wheels for F-SMA and SCRJ quick mounting connectors, polishing pad and emery paper
2799348	PSM-SET-FSMA-POLISH	Polymer fiber polishing set, for F-SMA quick mounting connectors
1656673	VS-SCRJ-POF-POLISH	Refilling set for VS-SCRJ-POF-KONFTOOL-POLISH, consisting of two polishing discs and a polisher
1212173	WIREFOX-D 16	Stripping tool, for stripping lines (specially for fiber optics lines) of Ø 4 - 16 mm

Address

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