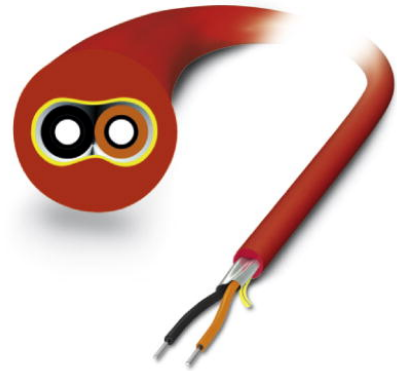



# PSM-LWL-KDHEAVY-980/1000

Order No.: 2744319




<http://catalog.phoenixcontact.net/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	
EAN	 4 017918 170851
Note	Made-to-order
sales group	H628
Pack	1 m
Customs tariff	85447000
Gross weight in pieces	0.03255 KG
Net weight per piece	0.03255 KG
Catalog page information	Page 378 (C-8-2013)

**Product notes**

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



<http://www.download.phoenixcontact.com>  
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
<b>Material data</b>	
Outer sheath, material	PUR
External sheath, color	red
<b>Ambient conditions</b>	
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	5000 m

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

**Electrical characteristics**

Number of positions	2
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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
Bending radius, single element	30 mm (Short-term) 30 mm (Permanent)
Bending radius, entire cable	30 mm (Short-term) 30 mm (Permanent)
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

**Certificates / Approvals**

Certification

Certifications applied for:

Certification Ex:

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<b>Accessories</b>		
Item	Designation	Description
<b>Cable/conductor</b>		
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.
<b>Connector/Adapter</b>		
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
<b>Tools</b>		
2744199	PSM-FO-STRIP	Stripping pliers for transmitting individual elements of the fiber optic cable. Especially suited for all polymer and HCS cables. Special mechanics and precise blade form avoid damage to the fiber optic fibers. Dimensions: (L x W x H) 160 x 130 x 36 mm.
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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