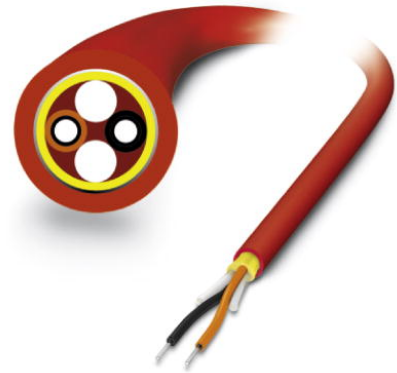



PSM-LWL-RUGGED-980/1000

Order No.: 2744322




<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=2744322>

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

Commercial data	
EAN	 4 017918 170844
Note	Made-to-order
sales group	H628
Pack	1 m
Customs tariff	85447000
Gross weight in pieces	0.05174 KG
Net weight per piece	0.05174 KG
Catalog page information	Page 380 (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	
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
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
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
Cable, attenuation	230 dB/km (at 660 nm)
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

Certificates / Approvals

Certification

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Cable/conductor		
1402185	FOC-RUGGED-1012/...	rugged POF installation cable for fixed installation in the inner area with individual elements made of highly durable polyamide (PE). Dimensioned for higher requirements in respect of tensile load and lateral pressure, with individual elements made of highly wear-resistant polyamide (PE). The cable is halogen-free, ozone and UV resistant and has a reinforced (PUR) outer sheath.
2901548	FOC-RUGGED-1012/IP20/...	Rugged POF installation cable (IP20 heads only) for fixed installation in the inner area. Individual elements made from extremely wear-resistant polyamide (PE). Halogen-free, ozone and UV resistant with a reinforced polyurethane (PUR) outer sheath.
Connector/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		
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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