

FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Polymer fiber cable, duplex 980µm/1000µm, heavy-weight version for installation in stationary systems and machines, by the meter without male connector

Your advantages

- ✓ Robust installation cable for installation in stationary systems and machines
- ✓ For indoors
- ✓ Designed to meet increased requirements in terms of tensile and lateral loads
- ✓ Reinforced polyurethane (PUR) outer sheath
- ✓ 2.2 mm individual wires made from extremely hard-wearing polyamide (PA)
- ✓ Halogen-free, ozone, and UV resistant

Key Commercial Data

Packing unit	1 M
GTIN	 4 017918 170844
GTIN	4017918170844

Technical data

Mechanical characteristics

Weight	51.74 g
--------	---------

Ambient conditions

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

Material data

Material	Aluminum (Separating foil)
----------	----------------------------

Electrical characteristics

Number of positions	2
---------------------	---

FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

Technical data

Line characteristics

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
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
Fiber	Polymer fiber, 980/1000 µm

Attenuation

660 nm	230 dB/km
--------	-----------

Standards and Regulations

Impact strength	2 Nm / 10 x
Halogen-free	According to IEC 60754-2

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27061803
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803

FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

Classifications

eCl@ss

eCl@ss 9.0	27061803
------------	----------

ETIM

ETIM 2.0	EC000034
ETIM 3.0	EC000034
ETIM 4.0	EC000034
ETIM 5.0	EC000034
ETIM 6.0	EC000034
ETIM 7.0	EC000034

UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607
UNSPSC 18.0	26121607
UNSPSC 19.0	26121607
UNSPSC 20.0	26121607
UNSPSC 21.0	26121607

Accessories

Accessories

Data cable preassembled

FO patch cable - FOC-RUGGED-1012/IP20/... - 2901548



Robust POF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines with individual elements made of polyamide (PA), halogen-free, ozone and UV resistant, with reinforced polyurethane (PUR) outer sheath

FO patch cable - FOC-RUGGED-1012/... - 1402185



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.

Data plug

FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

Accessories

FO connectors - PSM-SET-SCRJ-DUP/2-POF - 2708656



SC-RJ connector set for polymer fiber, for self assembly, consisting of 2 duplex quick mounting connectors with bending protection

FO connectors - PSM-SET-FSMA/4-KT - 2799720



F-SMA plug set for polymer fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve

Assembly tool - PSM-SET-FSMA-POLISH - 2799348



Polymer fiber polishing set, for F-SMA quick mounting connectors

Assembly tool - PSM-POF-KONFTOOL - 2744131



Polymer fiber DIY case, consisting of: Stripping knife, stripping pliers, polishing wheels for F-SMA and SC-RJ quick mounting connectors, polishing pad and emery paper

Stripping tool

Stripping tool - WIREFOX-D 16 - 1212173



Stripping tool, for stripping lines (specially for fiber optics lines) of \varnothing 4 - 16 mm

FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

Accessories

FO accessories - VS-SCRJ-POF-POLISH - 1656673



Refilling set for VS-SC-RJ-POF-KONFTOOL-POLISH, consisting of two polishing discs and a polisher

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fibre Optic Cables](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[FPD01SBS200](#) [FPD06SCC200](#) [FPT01SBS200](#) [FPDK01SCC100](#) [FCS-HCP-DUPLEX-50M](#) [FOSP45-C](#) [FURA3-20](#) [FURA4-20/A](#) [FURD3-20/A](#) [FURD4-20/A](#) [FURO6-20/A](#) [FUTA3-20](#) [FUTA3-20/A](#) [FUTA4-20](#) [FUTA4-20/A](#) [FUTD3-20/A](#) [FUTD4-20/A](#) [FUTO3-20/A](#) [FUTS3-20](#) [FUTS3-20/A](#) [FUTS4-20](#) [FUTS4-20/A](#) [943-99595-10030](#) [FUT-FARR25-20](#) [HFBR-RUD100](#) [2799445](#) [28320002](#) [28030002](#) [28000002](#) [28020002](#) [28051002](#) [28052002](#) [28351002](#) [28320001](#) [28000001](#) [28020001](#) [AERO-AS04-012-A-0X12026BKTT](#) [AERO-DF03-002-D-0XC18TT](#) [HFBR-EUS100Z](#) [HFBR-RUS100Z](#) [ER-500-1-VC-DCY-02-D0-0LWD](#) [EXO-G0-04-A-0LC32BKTT](#) [EXO-G0-08-A-0LC32GYTT](#) [EXO-G0-12-A-0XC32BKTT](#) [EXO-G0-24-A-0XC32BKTT](#) [MK-AX2-04-SM2](#) [106800-0105](#) [106800-0059](#) [106800-0098](#) [106800-0064](#)