

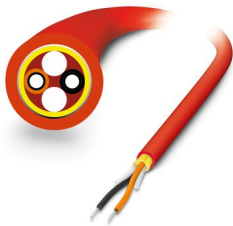
PSM-LWL-RUGGED-980/1000 - FO cable



2744322

<https://www.phoenixcontact.com/us/products/2744322>

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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

Commercial data

Item number	2744322
Packing unit	1 m
Minimum order quantity	1 m
Note	Made to order (non-returnable)
Sales key	DN06
Product key	DNC231
Catalog page	Page 356 (C-8-2015)
GTIN	4017918170844
Weight per piece (including packing)	51.74 g
Weight per piece (excluding packing)	51.74 g
Customs tariff number	85447000
Country of origin	DE

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Technical data

Product properties

Product type	Data cable by the meter
Number of positions	2

Electrical properties

Transmission medium	Polymer fiber
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Interfaces

Signal	Ethernet
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Dimensions

External dimensions

External diameter min.	7.5 mm
External diameter max.	8.5 mm

Material specifications

Material	Aluminum
Outer sheath, material	PUR

Cable/line

Cable length	Free input (0.4 ... 100 m)
Cable weight	54 kg/km
Cable abbreviation	J-V11Y 4Y2P 980/1000 160A 10
External cable diameter	8 mm
Outer sheath, material	PUR
External sheath, strain relief elements	Non-metallic, aramide fiber
Single wire, material	PA
Individual wire diameter	2.2 mm ±0.07 mm
Bending radius, single element	30 mm (Short-term) 30 mm (Short-term)
Bending radius, entire cable	65 mm (Short-term) 65 mm (Short-term)
Bending radius	30 mm (Short-term) 30 mm (Permanent) 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
660 nm	230 dB/km

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Halogen-free	According to IEC 60754-2
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FO cable

Fiber	Polymer fiber, 980/1000 µm
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Mechanical properties

Tensile strength short-term/long-term	1000 N / 100 N
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Environmental and real-life conditions

Ambient conditions

Impact strength	2 Nm / 10 x
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Altitude	5000 m

Mounting

cable layer type	Indoors
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Classifications

ECLASS

ECLASS-11.0	27061803
ECLASS-12.0	27061803
ECLASS-13.0	27061803

ETIM

ETIM 9.0	EC000034
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

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

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Accessories

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

2708656

<https://www.phoenixcontact.com/us/products/2708656>

FO connectors, degree of protection: IP20, number of positions: 2, MM, material: Metal, connection method: Push-pull, cable outlet: straight



VS-SCRJ-POF-POLISH - FO accessories

1656673

<https://www.phoenixcontact.com/us/products/1656673>

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



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

2799720

<https://www.phoenixcontact.com/us/products/2799720>

FO connectors, degree of protection: IP20, number of positions: 2, MM, material:
Metal, cable outlet: straight



PSM-SET-FSMA-POLISH - Assembly tool

2799348

<https://www.phoenixcontact.com/us/products/2799348>

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



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PSM-POF-KONFTOOL - Assembly tool

2744131

<https://www.phoenixcontact.com/us/products/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

WIREFOX-D 16 - Stripping tool

1212173

<https://www.phoenixcontact.com/us/products/1212173>



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

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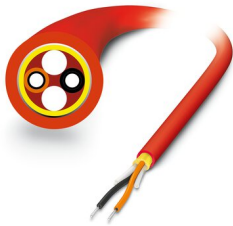
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FOC-RUGGED-1012/IP20/... - FO patch cable

2901548

<https://www.phoenixcontact.com/us/products/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

PSM-FO-STRIP - Stripping tool

2744199

<https://www.phoenixcontact.com/us/products/2744199>



Stripping pliers for transmitting individual elements of the fiber optic cable. Especially suited for all polymer and PCF 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.

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