

## FO cable - PSM-LWL-KDHEAVY-980/1000 - 2744319

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

### Your advantages

- ✓ Universal installation cable for installation in stationary systems and machines
- ✓ For indoors
- ✓ Rugged 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 170851
GTIN	4017918170851

### Technical data

#### Ambient conditions

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 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

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## Technical data

### Line characteristics

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
Fiber	Polymer fiber, 980/1000 µm

### Attenuation

660 nm	230 dB/km
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### 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 11.0	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
eCl@ss 9.0	27061803

### ETIM

ETIM 2.0	EC000034
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## Classifications

### ETIM

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

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		EAC-Zulassung
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## Accessories

Accessories

Data cable preassembled

## FO cable - PSM-LWL-KDHEAVY-980/1000 - 2744319

### Accessories

FO patch cable - FOC-KDHEAVY-1011/IP20/... - 2901553



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 a polyurethane (PUR) outer sheath

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FO patch cable - FOC-KDHEAVY-1011/... - 1402188



POF installation cable for fixed installation in the inner area with individual elements made of highly durable polyamide (PA). The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

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### Data plug

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

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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

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



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

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## FO cable - PSM-LWL-KDHEAVY-980/1000 - 2744319

### Accessories

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

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### Stripping tool

Stripping tool - WIREFOX-D 16 - 1212173



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

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



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

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