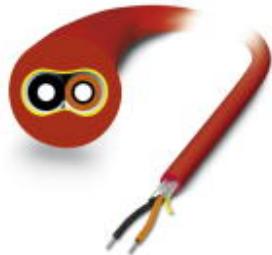


## FO cable - PSM-LWL-KDHEAVY-980/1000 - 2744319

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Polymer fiber cable, duplex 980/1000 µm, medium-weight version for permanent indoor installation, by the meter, without connector

### Product Features

- Universal installation cable for fixed installation 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
Weight per Piece (excluding packing)	32.55 g
Custom tariff number	85447000
Country of origin	Germany

### Technical data

#### Material data

Outer sheath, material	PUR
External sheath, color	red

#### 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

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

## Technical data

### 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
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

### Classifications

#### eCl@ss

eCl@ss 4.0	27061001
eCl@ss 4.1	27061001
eCl@ss 5.0	27061803
eCl@ss 5.1	27061803
eCl@ss 6.0	27061803
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803
eCl@ss 9.0	27061803

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

### Classifications

#### ETIM

ETIM 2.0	EC000034
ETIM 3.0	EC000034
ETIM 4.0	EC000034
ETIM 5.0	EC000034

#### UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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Approval details

EAC
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### Accessories

Accessories

Assembly tool

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

### Accessories

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



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

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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 - PSM-FO-STRIP - 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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### Connector set

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

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

### Accessories

Data cable preassembled

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



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.

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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 (PE). The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

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### Stripping tool

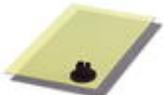
Stripping tool - WIREFOX-D 16 - 1212173



Stripping tool, for stripping lines (specially for fiber optics lines) of Ø 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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