

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

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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

## 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 pc
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## Configuration

Head 1	SC-RJ [SCRJ]
Head 2	SC-RJ [SCRJ]
Length [m]	10.0

## Technical data

### Whip length

open end	20 cm
F-SMA (IP20)	20 cm ±20 %
SCRJ (IP20)	20 cm ±20 %
B-FOC (IP20)	20 cm ±20 %
SCRJ wing plug V6 (IP67)	0 cm (Plug directly on the cable sheath)
Push/pull SCRJ V14 (IP67), metal	0 cm (Plug directly on the cable sheath)
Push/pull SCRJ V14 (IP67), plastic	0 cm (Plug directly on the cable sheath)

### Line characteristics

Cable abbreviation	J-V11Y 4Y2P 980/1000 160A 10
Length of cable	Free input (0.4 ... 100 m)

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## Technical data

### Line characteristics

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

### 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
eCl@ss 9.0	27061803

### ETIM

ETIM 3.0	EC001122
ETIM 4.0	EC002607
ETIM 5.0	EC000034
ETIM 6.0	EC000034
ETIM 7.0	EC000034

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## Classifications

### 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 by the meter

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



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

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#### Data cable preassembled

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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#### Media converter

FO converters - PSI-MOS-DNET CAN/FO 660/BM - 2708054



FO converter with integrated optical diagnostics, for DeviceNet™, CAN, CANopen® up to 800 kbps, basic module, interfaces: 1 x CAN, 1 x alarm, 1 x FO (FSMA), 660 nm, for polymer/PCF fiberglass cable

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### Accessories

#### FO converters - PSI-MOS-DNET CAN/FO 660/EM - 2708067



FO converter with integrated optical diagnosis, for DeviceNet™, CAN, CANopen® to 800 kbps, extension/redundancy module, interfaces: 1x FO (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-PROFIB/FO 660 T - 2708287



FO converter with integrated optical diagnostics, alarm contact, for PROFIBUS up to 12 Mbps, T-coupler with two FO interfaces (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-PROFIB/FO 660 E - 2708290



FO converter with integrated optical diagnostics, alarm contact, for PROFIBUS up to 12 Mbps, terminal device with one FO interface (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-RS485W2/FO 660 T - 2708300



FO converter with integrated optical diagnostics, alarm contact, for RS-485 2-wire bus systems (SUCONET K, Modbus ...) up to 500 kbps, NRZ coding, T-coupler with two FO interfaces (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-RS485W2/FO 660 E - 2708313



FO converter with integrated optical diagnostics, alarm contact, for RS-485 2-wire bus systems (SUCONET K, Modbus ...) up to 500 kbps, NRZ coding, terminal device with one FO interface (FSMA), 660 nm, for polymer/PCF fiber cable

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

### Accessories

#### FO converters - PSI-MOS-RS422/FO 660 E - 2708342



FO converter with integrated optical diagnostics, alarm contact, for RS-422/RS-485 4-wire/INTERBUS up to 2 Mbps, terminal device with one FO interface (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-RS232/FO 660 E - 2708368



FO converter with integrated optical diagnostics, alarm contact, for RS-232 interfaces up to 115.2 kbps, terminal device with one FO interface (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-RS422/FO 660 T - 2708384



FO converter with integrated optical diagnostics, alarm contact, for RS-422/RS-485 4-wire/INTERBUS up to 2 Mbps, T-coupler with two FO interfaces (FSMA), 660 nm, for polymer/PCF fiber cable

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#### FO converters - PSI-MOS-RS232/FO 660 T - 2708410



FO converter with integrated optical diagnostics, alarm contact, for RS-232 interfaces up to 115.2 kbps, T-coupler with two FO interfaces (FSMA), 660 nm, for polymer/PCF fiber cable

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