

IE-C6OP8LO0010N40N40-O-K4KV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled cables with 2x RJ45, suitable for smart metering applications, different colors in accordance with DIN VDE 0603-100. Short plugs and cables with small bending radius for tight spaces, plug housing with circumferential insulation allow protection class IP30 in mated condition.

General ordering data

Version	Patch cable, RJ45 IP30 (plugged), RJ45 IP30 (plugged), Cat. 6, LSZH, 1 m, , straight, 4 kV
Order No.	3009480010
Type	IE-C6OP8LO0010N40N40-O-K4KV
GTIN (EAN)	4099987065870
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Length	1 m	Length (inches)	39.3701 inch
Net weight	23 g		

Temperatures

Storage temperature		Operating temperature	-20 °C...70 °C
Installation temperature	0 °C...50 °C		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Electrical properties

Operating voltage	30 V	PoE / PoE+	conforming to IEEE 802.3bt
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General standards

Connector standard	IEC 60603-7-5 1	Application-specific communication cable facilities	VDE-AR-N 4100:2019-04
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Standards

Connector standard	IEC 60603-7-5 1
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Cable structure

Sheathing colour	orange	Cross-section	4x2xAWG 26/7. 4x2x0.128 mm ²
Shielding	SF/UTP	Number of wires	8
Insulation cross-section	0.68 mm	Insulation	PE
Sheath diameter, max.	4.1 mm	Sheath diameter, min.	3.9 mm
Material sheath	LSZH	Cable layout	Double insulation according to VDE 0603-100
Colour coding	white / blue, white / orange, white / green, white / brown	Complete shielding	Shielding braid made from copper wiring, Aluminium foil

Electrical properties of cable

Rated voltage (DC)	30 V	Rated impulse withstand voltage	4 kV
Operating voltage	30 V	Category	Cat. 6
Signal propagation time	5.1 ns/m		

Mechanical and material properties of cable

Resistance to oils	No	Colour	orange
Halogen	halogen-free	Resistance to spread of flame	in accordance with IEC 60332-1-2

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Plug

Plug right	RJ45, IP30 (plugged), male contact, straight, plug, shielded	Plug left	RJ45, IP30 (plugged), male contact, straight, plug, shielded
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Plug, left

Plug left	RJ45, IP30 (plugged), male contact, straight, plug, shielded
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Plug, right

Plug right	RJ45, IP30 (plugged), male contact, straight, plug, shielded
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Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		