

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 pc(s).

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Technical data**Dimensions and weights**

Length	1 m	Length (inches)	39.37 inch
Net weight	125 g		

Temperatures

Operating temperature	-20 °C...70 °C	Installation temperature	0 °C...50 °C
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Electrical properties

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

Application-specific communication cable facilities	VDE-AR-N 4100:2019-04	Connector standard	IEC 60603-7-51
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Standards

Connector standard	IEC 60603-7-51
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Cable structure

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	Cross-section	4x2xAWG 26/7. 4x2x0.128 mm ²
Insulation	PE	Insulation cross-section	0.68 mm
Material sheath	LSZH	Number of wires	8
Sheath diameter, max.	4.1 mm	Sheath diameter, min.	3.9 mm
Sheathing colour	orange	Shielding	SF/UTP

Electrical properties of cable

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

Mechanical and material properties of cable

Colour	orange	Halogen	halogen-free
Resistance to spread of flame	in accordance with IEC 60332-1-2		

Plug

Plug left	RJ45, IP30 (plugged), male contact, straight, plug, shielded	Plug right	RJ45, IP30 (plugged), male contact, straight, plug, shielded
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www.weidmueller.com**Technical data****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 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

Environmental Product Compliance

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

Approvals

ROHS	Conform
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Downloads

Catalogues	Catalogues in PDF-format
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