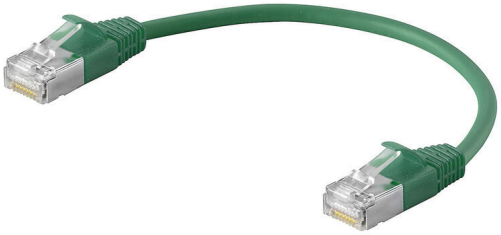
Data sheet

IE-C6OP8LG020CN40N40-G-K4KV

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



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, 0.2 m, , straight, 4 kV
Order No.	3009500002
Type	IE-C6OP8LG020CN40N40-G-K4KV
GTIN (EAN)	4099986912953
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	0.2 m	Length (inches)	7.874 inch
Net weight	25 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

General standards

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

Standards

Connector standard	IEC 60603-7-51

Cable structure

Sheathing colour	green	Cross-section	4x2xAWG 26/7. 4x2x0.128 mm²
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	green
Halogen	halogen-free	Resistance to spread of flame	in accordance with IEC 60332-1-2

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Technical data

Plug

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

Plug, left

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

Plug, right

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

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		