

**IE-C6OP8LO0015N40N40-O-K4KV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 1.5 m, , straight, 4 kV
Order No.	<a href="#">3009480015</a>
Type	IE-C6OP8LO0015N40N40-O-K4KV
GTIN (EAN)	4099987065887
Qty.	1 items

## IE-C6OP8LO0015N40N40-O-K4KV

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

www.weidmueller.com

## Technical data

## Approvals

ROHS	Conform
------	---------

## Dimensions and weights

Length	1.5 m	Length (inches)	59.0551 inch
Net weight	30 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 60603-7-5 1	Application-specific communication cable facilities	VDE-AR-N 4100:2019-04
--------------------	-----------------	---	-----------------------

## Standards

Connector standard	IEC 60603-7-5 1
--------------------	-----------------

## Cable structure

Sheathing colour	orange	Cross-section	4x2xAWG 26/7. 4x2x0.128 mm <sup>2</sup>
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

**IE-C60P8L00015N40N40-O-K4KV**

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

www.weidmueller.com

**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		