

**IE-C6GO6LR043CF40F40-X-K6KV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Wiring diagram**

LMN cable, RJ12 / RJ12, twisted-pair, suitable for smart metering applications, unshielded

**General ordering data**

Version	Patch cable, RJ12, RJ12, Cat.3, LSZH, 0.43 m, 6 kV
Order No.	<a href="#">2979960000</a>
Type	IE-C6GO6LR043CF40F40-X-K6KV
GTIN (EAN)	4099986834286
Qty.	1 pc(s).

## IE-C6GO6LR043CF40F40-X-K6KV

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Length	0.43 m	Length (inches)	16.929 inch
Net weight	110 g		

## Temperatures

Operating temperature	-20 °C...60 °C
-----------------------	----------------

## General standards

Application-specific communication cable facilities	VDE-AR-N 4100:2019-04	Connector standard	TIA-1096-A
---	-----------------------	--------------------	------------

## Cable structure

Cross-section	3x2xAWG 24/7	Material sheath	LSZH
Number of wires	6	Sheath diameter	4.8 mm
Sheath diameter, max.	4.95 mm	Sheath diameter, min.	4.65 mm
Sheathing colour	red	Shielding	U/UTP

## Electrical properties of cable

Category	Cat.3	Insulation strength	≥ 100 MΩ
Insulation voltage, max.	500 V	Operating voltage	50 V
Rated impulse withstand voltage	6 kV		

## Mechanical and material properties of cable

Colour	red	Halogen	No
Resistance to spread of flame	in accordance with IEC 60332-1		

## Plug

Plug left	RJ12, IP20, male contact, straight, plug, unshielded	Plug right	RJ12, IP20, male contact, straight, plug, unshielded
-----------	--	------------	--

## Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	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

## Approvals

Approvals



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

## Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
------------	--

Creation date May 9, 2024 9:23:00 AM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

## IE-C6GO6LR043CF40F40-X-K6KV

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

[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

## Drawing

