

## IE-C6GO6LR035CF40F40-X-K6KV

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

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



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

### General ordering data

Version	Patch cable, RJ12, RJ12, Cat.3, LSZH, 0.35 m, 6 kV
Order No.	<a href="#">2979950000</a>
Type	IE-C6GO6LR035CF40F40-X-K6KV
GTIN (EAN)	4099986834279
Qty.	30 items

## IE-C6GO6LR035CF40F40-X-K6KV

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Length	0.35 m	Length (inches)	13.7795 inch
Net weight	13.3 g		

## Temperatures

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

## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

## General standards

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

## Cable structure

Sheath diameter	4.8 mm	Sheathing colour	red
Cross-section	3x2xAWG 24/7	Shielding	U/UTP
Number of wires	6	Sheath diameter, max.	4.95 mm
Sheath diameter, min.	4.65 mm	Material sheath	LSZH
Cable layout	Double insulation according to VDE 0603-100		

## Electrical properties of cable

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

## Mechanical and material properties of cable

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

## Plug

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

## IE-C6GO6LR035CF40F40-X-K6KV

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

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

## Technical data

### Plug, left

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

### Plug, right

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

### 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		

**IE-C6GO6LR035CF40F40-X-K6KV**

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

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

**Drawings**

**Wiring diagram**



**Drawing**

