

IE-C6GO6LR035CF40F40-X-K6KV

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

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.	2979950000
Type	IE-C6GO6LR035CF40F40-X-K6KV
GTIN (EAN)	4099986834279
Qty.	1 pc(s).

Creation date July 15, 2025 2:30:01 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	0.35 m	Length (inches)	13.78 inch
Net weight	100 g		

Temperatures

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

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

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

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

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Data sheet**IE-C6GO6LR035CF40F40-X-K6KV****Weidmüller Interface GmbH & Co. KG**
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Approvals



Approvals MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/

ROHS

Conform

Environmental Product Compliance

RoHS Compliance Status

Compliant

REACH SVHC

No SVHC above 0.1 wt%

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Catalogues

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Data sheet

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Drawings

Wiring diagram



Drawing

