

IE-C5GO6LB0003F40F40-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, 0.3 m, 6 kV
Order No.	3036970003
Type	IE-C5GO6LB0003F40F40-X-K6KV
GTIN (EAN)	4099986998896
Qty.	30 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Length	0.3 m	Length (inches)	11.811 inch
Net weight	0.6 g		

Temperatures

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

Sheath diameter	4.8 mm	Sheathing colour	blue
Cross-section	3x2xAWG 24/7	Shielding	U/UTP
Number of wires	6	Insulation cross-section	1 mm
Insulation	PE	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
Nominal current	1 A	Signal propagation time	5.45 ns/m
Insulation voltage, max.	500 V		

Mechanical and material properties of cable

Resistance to oils	No	Colour	blue
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
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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 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		

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Drawings

Wiring diagram



Drawing

