

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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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		