



Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com





Assembled IE cables, patch cable Cabinet Line, Cat. 6, LSZH, blue

### **General ordering data**

	Patch cable, RJ45 IP 20, RJ45 IP 20, <20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010), LSZH. 0.3 m
Order No.	1165900003
Туре	IE-C6FP8LB0003M40M40-B
GTIN (EAN)	4050118076424
Qty.	1 items

Catalogue status / Drawings





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## Technical data

Approvals			
Approvals			
		UL)US	
ROHS	Conform	LIGILU	
UL File Number Search	UL Website		
Certificate no. (cULus)	E316369		
Dimensions and weights			
Length	0.3 m	Length (inches)	11.811 inch
Net weight	21 g	Ecrigal (merics)	11.011 111011
-	3		
Temperatures			
Storage temperature	-20 °C60 °C	Operating temperature	-20 °C60 °C
Installation temperature	0 °C50 °C		<b>-</b>
Environmental Product Com	pliance		
Dallo Canadian as Chahas	Committee to sixty and accommittee		
ROHS Compliance Status REACH SVHC	Compliant without exemptio  No SVHC above 0.1 wt%	n	
Electrical properties			
Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3at
General standards			
Connector standard	IEC 60603-7-51	Application-specific communication cable facilities	ANSI / TIA / EIA-568 B.2-10, ISO / IEC 11801:2002, EN50173-1:2007
Certificate no. (cULus)	E316369		
Standards			
Connector standard	IEC 60603-7-51		
Cable structure			
Strands	7	Sheathing colour	blue
Cross-section	4*2*AWG 27/7 - 4*2*0.1	Shielding	S/FTP
	mm <sup>2</sup>		
Number of wires	8	Insulation cross-section	1.04 mm
Insulation	PE	Sheath diameter, max.	5.9 mm
Sheath diameter, min.	5.5 mm	Material sheath	LSZH
Wire pair shielding	Aluminium foil	Arrangement of wire cores	Twisted pair
Complete shielding	Shielding braid made from copper wiring	Overlap of shielding braid	60 %
Colour sequence or wires - wire pairs	white - blue, white -		

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orange, white - green, white - brown





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# **Technical data**

Electrical properties of cabl	<b>e</b>		
	40.011.4		
Transmission rate	10 Gbit/s	Category	<20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010)
Operating voltage	50 V DC	Coupling attenuation up to 1000 MHz	80 dB
Separating class according to EN 50174-2	d	Capacity at 1 kHz	46 nF/km
Coupling resistance at 10 MHz / m	5.00 mΩ	Test voltage: wire-wire-shield	2.5 kV / DC for 2 sec
Resistance differential	5 %	Delay skew	2.5 ns/100m
Operating voltage (UL rating)	30 V AC / 42.4 V DC	Characteristic impedance	100 $\pm$ 15 $\Omega$ at 1–100 MHz
Mechanical and material pro	operties of cable		
Colour	blue	Halogen	halogen-free, according to IEC 60754-2
Min. bending radius, once only	4 x cable diameter	Resistance to spread of flame	in accordance with IEC 60332-2-2, in accordance with IEC 60332-1-2, in accordance with IEC 60332-3-24, in accordance with UL 2556 (FT1)
Plug			
Plug right	RJ45, IP20, male contact, straight, plug, Plastic, shielded	Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
Plug, left			
Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded		
Plug, right			
Plug right	RJ45, IP20, male contact, straight, plug, Plastic, shielded		
Classifications			
ETIM C.O.	F0000F00	FTIM 7.0	5000500
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 ECLASS 15.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLA33 13.U	27-06-03-08		

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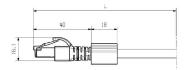
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## **Drawings**

### Wiring Dimensioned drawing







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## Accessories

#### **Blank**



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Preattachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-lnk or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

#### **General ordering data**

Type	TM-I 12 MC NE WS	Version
Order No.	<u>1718411044</u>	TM-I, Insert markers, 12 x 4 mm, white
GTIN (EAN)	4008190348977	
Qty.	320 ST	
Туре	TM-I 18 MC NE WS	Version
Турс	TIVI-I TO IVIC INE VV3	version
Order No.	1718431044	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, white

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