

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com





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

General ordering data

Version	Patch cable, RJ45 IP 20, RJ45 IP 20, <20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010), LSZH, 40 m
Order No.	<u>1251580400</u>
Туре	IE-C6FP8LY0400M40M40-Y
GTIN (EAN)	4050118609660
Qty.	1 pc(s).



10 m

11801:2002, EN50173-1:2007

IEC 60603-7-51

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1 574 902 inch

E316369

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Technical data

Dim	oncione	and	weights

Longth

Length	40 m	Length (inches)	1,5/4.803 inch
Net weight	1,486 g		
Temperatures			
Storage temperature	-20 °C60 °C	Operating temperature	-20 °C60 °C
Installation temperature	0 °C50 °C		
Electrical properties			
Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3at
General standards			
Application-specific communication ca-	ΔΝSI / ΤΙΔ / ΕΙΔ-568-	Certificate no. (cULus)	
ble facilities	B.2-10, ISO / IEC	Gertineate no. (COLus)	

Langth (inches)

Standards

Connector standard

Connector standard IE0	60603-7-51
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Cable structure

Arrangement of wire cores		Colour sequence or wires - wire pairs	white - blue, white - or- ange, white - green, white
	Twisted pair		- brown
Complete shielding	Shielding braid made from	Cross-section	4*2*AWG 27/7 - 4*2*0.1
	copper wiring		mm²
Insulation	PE	Insulation cross-section	1.04 mm
Material sheath	LSZH	Number of wires	8
Overlap of shielding braid	60 %	Sheath diameter, max.	5.9 mm
Sheath diameter, min.	5.5 mm	Sheathing colour	yellow
Shielding	S/FTP	Strands	7
Wire pair shielding	Aluminium foil		

Electrical properties of cable

Capacity at 1 kHz	40 54	Category	<20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801
	46 nF/km	<u> </u>	2010)
Characteristic impedance	$100 \pm 15 \Omega$ at 1–100	Coupling attenuation up to 1000 MHz	
	MHz		80 dB
Coupling resistance at 10 MHz / m	5 mΩ	Delay skew	2.5 ns/100m
Operating voltage	50 V DC	Operating voltage (UL rating)	30 V AC / 42.4 V DC
Resistance differential		Separating class according to EN	
	5 %	50174-2	d
Test voltage: wire-wire-shield	2.5 kV / DC for 2 sec		



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Mechanical and material properties of cable

Colour	yellow	Halogen 	halogen-free, according to IEC 60754-2
Min. bending radius, once only		Resistance to spread of flame	in accordance with IEC 60332-2-2, in accor- dance with IEC 60332-1- in accordance with IEC 60332-3-24, in accor-
	4 x cable diameter		dance with UL 2556 (FT1
Plug			
Plug left	RJ45, IP20, male con- tact, straight, plug, Plastic, shielded	Plug right	RJ45, IP20, male con- tact, straight, plug, Plastic, shielded
Plug, left			
Di La	DIAE IDOO		
Plug left	RJ45, IP20, male con- tact, straight, plug, Plastic, shielded		
Plug, right			
Plug right	RJ45, IP20, male con-		
	tact, straight, plug, Plastic, shielded		
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 ECLASS 15.0	27-06-03-08 27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.U	27-00-03-00		
Environmental Product Comp	liance		
RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319218/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369



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Technical data

Downloads

Approval/Certificate/Document of Con	- Control - CC-Link Patchcord Certificate
formity	Field - CC-Link Patchcord Certificate
	TSN - CC-Link Patchcord Certificate
Engineering Data	CAD data – STEP
Product Change Notification	Technische Änderung zu der Cabinet Line (RJ45 CAT.6A Patchkabel LSZH)
	Technical change to RJ45 CabinetLine (RJ45 CAT.6A Patchcable LSZH)
Catalogues	Catalogues in PDF-format



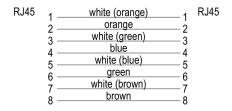
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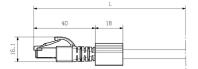
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Drawings

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

Туре	TM-I 18 MC NE WS
Order No.	1718431044
GTIN (EAN)	4008190349011
Qty.	320 pc(s).

Version

TM-I, Insert markers, 18 x 4 mm, white



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General ordering data

Туре	TM-I 12 MC NE WS
Order No.	<u>1718411044</u>
GTIN (EAN)	4008190348977
Qty.	320 pc(s).

Version

TM-I, Insert markers, 12 x 4 mm, white