

**IE-C5ES8UG0050P41P41-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Assembled IE cables for EtherNet/IP applications with bayonet connector according to IEC 61076-3-106 var. 1, cat. 5, sheathed

**General ordering data**

Version	System cable, RJ45 IP 67 Baymo V01 plastic, RJ45 IP 67 Baymo V01 plastic, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 5 m
Order No.	<a href="#">1106030000</a>
Type	IE-C5ES8UG0050P41P41-E
GTIN (EAN)	4032248881505
Qty.	1 pc(s).

Creation date January 20, 2022 4:27:30 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Length	5 m	Length (inches)	196.85 inch
Net weight	228 g		

**Temperatures**

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...80 °C
Installation temperature	-10 °C...60 °C		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Cable specific standards**

Corrosiveness of fumes	to IEC 60754-2	Generic communication cable facilities	ISO / IEC 11801:2002, EN 50173-1:2007
Standard, assembly	UL-Style 20963 (80°C/30V)		

**General standards**

Certificate no. (cULus)	E316369	Connector standard	IEC 61076-3-106 Var. 1, IEC 60603-7-51
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**Standards**

Connector standard	IEC 61076-3-106 Var. 1, IEC 60603-7-51	Corrosiveness of fumes	to IEC 60754-2
Generic communication cable facilities	ISO / IEC 11801:2002, EN 50173-1:2007	Standard, assembly	UL-Style 20963 (80°C/30V)

**Cable structure**

Arrangement of wire cores	Twisted pair	Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm <sup>2</sup>
Insulation	PE	Insulation cross-section	1 mm
Material sheath	PUR	Number of wires	8
Sheath diameter, max.	6.1 mm	Shielding	SF/UTP
Shielding colour	green (RAL 6018)	Standard designations	LI02YS(ST)C11Y 4x2x0.15-100 GN NC, SF/UTP
Shielding braid thickness	0.1 mm	Wire material	Stranded tin-plated copper wire
Strands	7		

**Electrical properties of cable**

Capacity at 1 kHz	50 nF/km	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 5 Ω at 100MHz	Deviation	25 ns/100m
Loop resistance	290 Ω/km	Signal propagation time	4.85 ns/m
Test voltage: wire-wire-shield	700 V AC		

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## Technical data

## Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen	halogen-free, according to IEC 60754-2	Min. bending radius, once only	5 x cable diameter
Min. bending radius, repetitive	10 x cable diameter	Resistance to oils	in accordance with IEC 60811-2-1
Resistance to spread of flame	in accordance with IEC 60332-1	Silicone-free	Yes
UV-resistant	Yes		

## Plug, left

Connector left	RJ45 IP 67 Baymo V01 plastic
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## Plug, right

Connector right	RJ45 IP 67 Baymo V01 plastic
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## plug

Connector left	RJ45 IP 67 Baymo V01 plastic	Connector right	RJ45 IP 67 Baymo V01 plastic
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## Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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		

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E316369

## Downloads

Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PI PROFINET CABLING EN</a>

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**Data sheet**

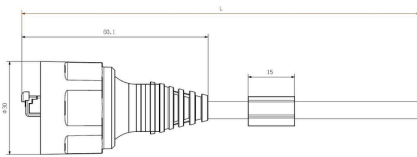
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**Drawings**

**Dimensioned drawing**



**Wiring**

RJ45	1	white, orange	1	RJ45
	2	orange	2	
	3	white, green	3	
	4	blue	4	
	5	white, blue	5	
	6	green	6	
	7	white, brown	7	
	8	brown	8	

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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. Pre-attachment 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-Ink 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.	<a href="#">1718411044</a>	TM-I, Insert markers, 12 x 4 mm, white
GTIN (EAN)	4008190348977	
Qty.	320 pc(s).	

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**General ordering data**

Type	TM-I 18 MC NE WS	Version
Order No.	<a href="#">1718431044</a>	TM-I, Insert markers, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	

# Mouser Electronics

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