

IE-C5ES8UG0020M40M40-G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled cables, patch cable Cabinet Line, Cat. 5, PUR,
green

General ordering data

Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801), PUR, 2 m
Order No.	1166000020
Type	IE-C5ES8UG0020M40M40-G
GTIN (EAN)	4032248956555
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	2 m	Length (inches)	78.74 inch
Net weight	89 g		

Temperatures

Operating temperature	-40 °C...75 °C	Installation temperature	-10 °C...60 °C
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Electrical properties

PoE / PoE+	conforming to IEEE 802.3at
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General standards

Connector standard	IEC 60603-7-51
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Standards

Connector standard	IEC 60603-7-51
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Cable structure

Arrangement of wire cores		Colour sequence or wires - wire pairs	white/blue - blue, white/ orange - orange, white/ green - green, white/ brown - brown
	Twisted pair		
Complete shielding	Shielding braid made from copper wiring	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Insulation	PE	Insulation cross-section	0.98 mm
Material sheath	PUR	Number of wires	8
Sheath diameter, max.	6 mm	Sheath diameter, min.	5.6 mm
Sheathing colour	green (RAL 6018)	Shielding	SF/UTP
Strands	7	Wire material	Stranded tin-plated copper wire
Wire pair shielding	Aluminium foil		

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801)	Test voltage: wire-wire-shield	750 V DC, 1 min
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Mechanical and material properties of cable

Abrasion resistance	very good	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	EN 50305	Resistance to spread of flame	in accordance with IEC 60332-1
Silicone-free	Yes		

Plug, left

Connector left	RJ45 IP 20
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Plug, right

Connector right	RJ45 IP 20
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Creation date March 23, 2021 7:23:03 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Connector left	RJ45 IP 20	Connector right	RJ45 IP 20
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	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

ROHS	Conform
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Downloads

Engineering Data	STEP
Product Change Notification	PCN-PB47-20180213-00-A_EN PCN-PB47-20180213-00-A_DE
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings

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	

Dimensioned drawing

