

**Industrial Ethernet
IE-C5ES8UG0100M40M40-G**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Assembled cables, patch cable Cabinet Line, Cat. 5, PUR,
green

General ordering data

Type	IE-C5ES8UG0100M40M40-G
Order No.	1166000100
Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801), PUR, 10 m
GTIN (EAN)	4032248956586
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	10 m	Net weight	395 g
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Temperatures

Operating temperature	-40 °C...+75 °C	Storage temperature	
Installation temperature	-10 °C...+60 °C		

Electrical properties

PoE PoE+	conforming to IEEE 802.3at
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Standards

Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4	Corrosiveness of fumes	DIN EN 50267-2-3, IEC 60754-2
Connector standard	IEC 60603-7-51	Certificate no. (cULus)	E316369

Cable structure

Wire material	Stranded tin-plated copper wire	Standard designations	SF/UTP
Strands	7	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Insulation	PE	Insulation cross-section	0.98 mm
No. of wires	8	Arrangement of wire cores	Twisted pair
Wire pair shielding		Colour sequence or wires - wire pairs	white/blue - blue, white/orange - orange, white/green - green, white/brown - brown
Shielding	Aluminium foil	Complete shielding	Shielding braid made from copper wiring
Material sheath	PUR	Sheath diameter, min.	5.6 mm
Sheath diameter, max.	6 mm	Sheathing colour	green (RAL 6018)

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801)
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Mechanical and material properties of cable

Min. bending radius, once only	5 *diameter	Min. bending radius, repetitive	10 *diameter
Abrasion resistance	very good	Resistance to spread of flame	in accordance with IEC 60332-1
Resistance to oils	EN 50305	Silicone-free	Yes
Halogen	halogen-free, according to IEC 60754-2	Corrosiveness of fumes	DIN EN 50267-2-3, IEC 60754-2

plug

Version connector left	RJ45 IP 20	Version connector right	RJ45 IP 20
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Classifications

eClass 6.2	27-06-03-90	eClass 7.1	27-06-18-01
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Datenblatt

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Approvals

ROHS	Conform
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Zeichnungen**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	
