

## IE-C5ES8UG0250M40M40-G

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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, 25 m
Order No.	<a href="#">1166000250</a>
Type	IE-C5ES8UG0250M40M40-G
GTIN (EAN)	4050118692952
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E316369

## Dimensions and weights

Length	25 m	Length (inches)	984.252 inch
Net weight	855 g		

## Temperatures

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

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

## General standards

Certificate no. (cULus) E316369

## Cable structure

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

## Electrical properties of cable

Transmission rate	10/100 MBit/s, 1000 MBit/s	Category	Cat.5 (ISO/IEC 11801)
Test voltage: wire-wire-shield	750 V DC, 1 min		

## Mechanical and material properties of cable

Resistance to oils	EN 50305	Silicone-free	Yes
UV-resistant	Yes	Halogen	halogen-free, according to IEC 60754-2

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Min. bending radius, repetitive	10 x cable diameter	Min. bending radius, once only	5 x cable diameter
Abrasion resistance	very good	Resistance to spread of flame	in accordance with IEC 60332-1

#### Plug

Plug right	RJ45, IP20, male contact, straight, plug, Plastic, shielded	Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
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#### Plug, left

Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
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#### Plug, right

Plug right	RJ45, IP20, male contact, straight, plug, Plastic, shielded
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#### Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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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

