

IE-C5ES8VG-MW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Bulk stock, copper cable, flexible, 4 x 2 x AWG 26/7, Cat. 5, green

General ordering data

Version	System cable, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, Products sold by meter, from 110 m
Order No.	8955490000
Type	IE-C5ES8VG-MW
GTIN (EAN)	4032248753420
Qty.	1 m
Delivery status	This article will no longer be available in the future.
Available until	2020-10-31

Creation date March 30, 2021 12:01:49 AM CEST

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

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Technical data

Dimensions and weights

Net weight	37.11 g
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Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...80 °C
Installation temperature	-15 °C...60 °C		

Technical specifications for cable

Insulation	PE	Number of wires	8
Resistance to spread of flame	in accordance with IEC 60332-1	Sheathing colour	green (RAL 6018)
Test voltage: wire-wire-shield	700 V AC		

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 ²
Diameter of wire pair	2 mm	Insulation	PE
Insulation cross-section	1 mm	Material sheath	PVC
Number of wires	8	Overlap of shielding braid	65 %
Sheath diameter, max.	5.8 mm	Sheath diameter, min.	5.2 mm
Sheathing colour	green (RAL 6018)	Shielding	SF/UTP
Shielding braid thickness	0.1 mm	Standard designations	SF/UTP, IE-5CC4x2xAWG26/7-PVC LI02YS(ST)CY
Strands	7	Wire core insulation thickness	0.25 mm
Wire material	Stranded tin-plated copper wire		

Electrical properties of cable

Capacity at 1 kHz	47 nF/km	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 5 Ω at 100MHz	Deviation	40 ns/100m
Loop resistance	290 Ω/km	Resistance differential	3 %
Signal propagation time	4.85 ns/m	Test voltage: wire-wire-shield	700 V AC
Transfer impedance	10 mΩ/m at 10 MHz		

Mechanical and material properties of cable

Abrasion resistance	good	Fire propagation	No
Min. bending radius, once only	5 x cable diameter	Min. bending radius, repetitive	10 x cable diameter
Resistance to spread of flame	in accordance with IEC 60332-1		

Classifications

ETIM 6.0	EC000830	ETIM 7.0	EC003249
ECLASS 9.0	27-06-18-05	ECLASS 9.1	27-06-90-90
ECLASS 10.0	27-06-18-01	ECLASS 11.0	27-06-18-01

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Technical data

Approvals

ROHS	Conform
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Downloads

Engineering Data	WSCAD
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings

Detailed drawing

