

IE-C5CS8VG-MW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Bulk stock, copper cable, rigid, 4 x 2 x AWG 24/1, Cat. 5,
green

General ordering data

Version	Installation cable, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, Products sold by meter, from 110 m
Order No.	8953160000
Type	IE-C5CS8VG-MW
GTIN (EAN)	4032248745159
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 12:00:37 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	32.2 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		

Electrical properties

Insulation strength	500,000 Ω
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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	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*2*AWG 24/1 - 4*2*0.205 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.	6.3 mm	Sheath diameter, min.	5.7 mm
Sheathing colour	green (RAL 6018)	Sheathing material thickness	0.55 mm
Shielding	SF/UTP	Shielding braid thickness	0.1 mm
Standard designations	IE-5CC4x2xAWG26/7- PVC LI02YS(ST)CY, SF/ UTP	Strands	1
Wire core insulation thickness	0.25 mm	Wire material	Non-insulated 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
Insulation strength	500,000 Ω	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	Colour	green
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

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Technical data**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

Approvals

ROHS	Conform
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Downloads

User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
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Drawings

Detailed drawing

