

**IE-C5CS8VG-500****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 500 m
Order No.	<a href="#">2763440000</a>
Type	IE-C5CS8VG-500
GTIN (EAN)	4064675030928
Qty.	1 pc(s).
Packaging	on plywood reel

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## Technical data

## Dimensions and weights

Length	500 m	Length (inches)	19,685.039 inch
Net weight	11,250 g		

## Temperatures

Storage temperature	-40 °C...75 °C	Operating temperature	-40 °C...80 °C
Installation temperature	0 °C...50 °C		

## Technical specifications for cable

Insulation	PE	Number of poles	8
Number of wires		Resistance to spread of flame	in accordance with IEC 60332-1, EN 13501-6 class ECa
	8		
Sheathing colour	green (RAL 6018)	Test voltage: wire-wire-shield	700 V AC

## 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 <sup>2</sup>
Insulation	PE	Insulation cross-section	1.04 mm
Material sheath	PVC	Number of wires	8
Overlap of shielding braid	65 %	Sheath diameter, max.	6.7 mm
Sheath diameter, min.	6.3 mm	Sheathing colour	green (RAL 6018)
Sheathing material thickness	0.5 mm	Shielding	SF/UTP
Shielding braid thickness		Standard designations	IE-5CC4x2xAWG26/7- PVC LI02YS(ST)CY, SF/ UTP
	0.1 mm		
Strands	1	Wire core insulation thickness	0.25 mm
Wire material	Non-insulated copper wire		

## Electrical properties of cable

Capacity at 1 kHz	50 nF/km	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 5 Ω at 100MHz	Delay skew	15 ns/100m
Loop resistance	190 Ω/km	Resistance differential	3 %
Shield attenuation	65 dB at 100 Mhz	Signal propagation time	4.5 ns/m
Test voltage: wire-wire-shield		Transfer impedance	20 mΩ/m at 1MHz, 10 mΩ/m at 10 MHz, 10 mΩ/m at 30Mhz
	700 V AC		

## 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		Resistance to spread of flame	in accordance with IEC 60332-1, EN 13501-6 class ECa
	10 x cable diameter		

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ETIM 6.0	EC000830	ETIM 7.0	EC003249
ETIM 8.0	EC003249	ETIM 9.0	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
ECLASS 12.0	27-06-18-01	ECLASS 13.0	27-06-18-01

**Approvals**

ROHS	Conform
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**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
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## Drawings

### Detailed drawing

