

IE-C5CS8VG-500**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, 500 m
Order No.	2763440000
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	8	Resistance to oils	No
Resistance to spread of flame	in accordance with IEC 60332-1, EN 13501-6 class ECa	Sheathing colour	green (RAL 6018)
Shielded	Yes	Test voltage: wire-wire-shield	700 V AC

Cable specific standards

Impervious to smoke	No
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Standards

Impervious to smoke	No
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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
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	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	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	700 V AC	Transfer impedance	20 mΩ/m at 1MHz, 10 mΩ/m at 10 MHz, 10 mΩ/m at 30Mhz

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Technical data**Mechanical and material properties of cable**

Abrasion resistance	good	Colour	green
Fire propagation	No	Impervious to smoke	No
Min. bending radius, once only	5 x cable diameter	Min. bending radius, repetitive	10 x cable diameter
Resistance to oils	No	Resistance to spread of flame	in accordance with IEC 60332-1, EN 13501-6 class ECa

Classifications

ETIM 6.0	EC000830	ETIM 7.0	EC003249
ETIM 8.0	EC003249	ETIM 9.0	EC003249
ETIM 10.0	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	ECLASS 14.0	27-06-18-01
ECLASS 15.0	27-06-18-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Catalogues	Catalogues in PDF-format
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Drawings

Detailed drawing

