

IE-C5ES8VG0200A40A40-E

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

www.weidmueller.com



General ordering data

Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, 20 m
Order No.	8993250000
Type	IE-C5ES8VG0200A40A40-E
GTIN (EAN)	4032248970711
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Length	20 m	Length (inches)	787.4016 inch
Net weight	753.2 g		

Temperatures

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

Environmental Product Compliance

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

General standards

Connector standard	IEC 60603-7-5 1
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Cable structure

Strands	7	Sheathing colour	green (RAL 6018)
Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²	Shielding	SF/UTP
Number of wires	8	Insulation cross-section	1 mm
Insulation	PE	Sheath diameter, max.	6.1 mm
Sheath diameter, min.	5.7 mm	Material sheath	PVC
Arrangement of wire cores	Twisted pair	Wire core insulation thickness	0.25 mm
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Diameter of wire pair	2.00 mm
Overlap of shielding braid	65 %	Wire material	Stranded tin-plated copper wire
Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown	Shielding braid thickness	0.1 mm

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Capacity at 1 kHz	47 nF/km
Loop resistance	290 Ω/km	Signal propagation time	4.85 ns/m
Test voltage: wire-wire-shield	700 V AC	Resistance differential	3 %
Delay skew	25 ns/100m	Transfer impedance	10 mΩ/m at 10 MHz
Characteristic impedance	100 ± 5 Ω at 100MHz		

Mechanical and material properties of cable

Halogen	Yes	Min. bending radius, repetitive	10 x cable diameter
Min. bending radius, once only	5 x cable diameter	Abrasion resistance	good

Creation date 30.06.2026 10:50:30 MEZ

Catalogue status / Drawings

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Resistance to spread of flame	in accordance with IEC 60332-1	Fire propagation	No
Plug			
Plug right	RJ45, IP20, male contact, straight, Plastic, shielded	Plug left	RJ45, IP20, male contact, straight, Plastic, shielded
Plug, left			
Plug left	RJ45, IP20, male contact, straight, Plastic, shielded		
Plug, right			
Plug right	RJ45, IP20, male contact, straight, Plastic, shielded		
Classifications			
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-07		