

IE-C5ES8UG0140A44A40-X

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

www.weidmueller.com



General ordering data

Version	System cable, RJ45 IP 67 PushPull V04 plastic, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), 14 m
Order No.	2745790000
Type	IE-C5ES8UG0140A44A40-X
GTIN (EAN)	4050118877847
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Length	14 m	Length (inches)	551.1811 inch
Net weight	606 g		

Temperatures

Storage temperature	-40 °C...75 °C	Operating temperature	
Installation temperature	-10 °C...60 °C		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Cable specific standards

Standard, assembly	UL-Style 20963 (80°C/30V)	Generic communication cable facilities	ISO / IEC 11801:2002, EN 50173-1:2007
Corrosiveness of fumes	to IEC 60754-2		

Cable structure

Strands	7	Sheathing colour	green (RAL 6018)
Standard designations	SF/UTP, IE-7IC4x2xAWG23/1-PUR 02YSC11Y PIMF	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Shielding	SF/UTP	Sheath diameter, max.	6.3 mm
Sheath diameter, min.	5.7 mm	Arrangement of wire cores	Twisted pair
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	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	Test voltage: wire-wire-shield	1000 Vrms, 50 Hz, 1 min
Delay skew	25 ns/100m	Characteristic impedance	100 ± 5 Ω at 100MHz

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811-2-1	Silicone-free	Yes
Halogen	halogen-free, according to IEC 60754-2	Min. bending radius, repetitive	10 x cable diameter

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Min. bending radius, once only	4 x cable diameter	Abrasion resistance	very good
Resistance to spread of flame	in accordance with IEC 60332-1	Corrosiveness of fumes	to IEC 60754-2

Plug

Plug right	RJ45, IP20, male contact, straight, Plastic, shielded	Plug left	RJ45, IP67, male contact, straight, PushPull V04, Plastic, shielded
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Plug, left

Plug left	RJ45, IP67, male contact, straight, PushPull V04, Plastic, shielded
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Plug, right

Plug right	RJ45, IP20, male contact, straight, Plastic, shielded
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Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		