

**IE-C5ES8UG0150A40XXX-X**

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

[www.weidmueller.com](http://www.weidmueller.com)



**General ordering data**

Version	System cable, Open, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), 15 m
Order No.	<a href="#">2716710000</a>
Type	IE-C5ES8UG0150A40XXX-X
GTIN (EAN)	4050118769982
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Length	15 m	Length (inches)	590.5512 inch
Net weight	616.9 g		

## Temperatures

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

## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
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-71C4x2xAWG23/1-PUR 02YSC11Y PIMF	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm <sup>2</sup>
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	free conductor end, shielded	Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
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### Plug, left

Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
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### Plug, right

Plug right	free conductor end, 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		