

IE-C5ED8UG0600A40A40-E

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

www.weidmueller.com



General ordering data

Version	Dragline cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), 60 m
Order No.	1345030600
Type	IE-C5ED8UG0600A40A40-E
GTIN (EAN)	4050118767292
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Length	60 m	Length (inches)	2362.2047 inch
Net weight	3324.42 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	
Installation temperature	-40 °C...80 °C		

Environmental Product Compliance

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

Cable specific standards

Standard, insulating material	DIN EN 50290-2-25 (HD 624.5)	Standard, wire material	DIN EN 13602 Cu-ETP-A
Standard, assembly	UL-Style 20963 (80°C/30V)	Standard, shielding material	DIN EN 13602 Cu-ETP-A..B
Impervious to smoke	According to IEC 61034-2		

Cable structure

Strands	7	Sheathing colour	green (RAL 6018)
Standard designations	LI9Y(ST)C11Y 4X2X0.14 VZN GN, SF/UTP	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Shielding	SF/UTP	Sheath diameter, max.	6.8 mm
Sheath diameter, min.	6.5 mm	Filler	As central element, Between the individual wire pairs
Arrangement of wire cores	Twisted pair	Wire core insulation thickness	0.23 mm
Complete shielding	Plastic foil, Aluminium foil, Shielding braid made from copper wiring	Overlap of shielding braid	90 %
Wire material	Stranded tin-plated copper wire	Sheathing material thickness	0.85 mm
Colour sequence or wires - wire pairs	white/blue - blue, white/orange - orange, white/green - green, white/brown - brown	Shielding braid thickness	0.1 mm

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Speed	180 m/min
Loop resistance	290 Ω/km	Test voltage: wire-wire-shield	700 Vrms, 50 Hz, 1 min
Capacity at 800 Hz	50 nF/km	Resistance differential	2 %
Operating voltage, UL	30 V	Delay skew	40 ns/100m

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Operating voltage (UL rating)	30 V	Transfer impedance	100 mΩ/m at 10 MHz
Characteristic impedance	100 ± 15 Ω at 1–100 MHz		

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811-2-1	Silicone-free	Yes
Pulling force	≤ 100 N	Halogen	halogen-free, according to IEC 60754-2
Acceleration	5 m/s ²	Min. bending radius, repetitive	60 mm
Abrasion resistance	very good	Resistance to spread of flame	in accordance with IEC 60332-1
Speed	180 m/min	Fire propagation	No
Torsion resistance	30 °/m	Impervious to smoke	According to IEC 61034-2

Plug

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

Plug left	RJ45, IP20, male contact, straight, 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		