

IE-C5ES8UG0030A45A45-X

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	System cable, RJ45 IP 67 RockStar V05 metal, RJ45 IP 67 RockStar V05 metal, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 3 m
Order No.	1005100030
Type	IE-C5ES8UG0030A45A45-X
GTIN (EAN)	4032248916870
Qty.	10 pc(s).

Creation date June 12, 2025 12:35:13 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	3 m	Length (inches)	118.11 inch
Net weight	295 g		

Temperatures

Storage temperature	-40 °C...75 °C	Operating temperature	-40 °C...80 °C
Installation temperature	-10 °C...60 °C		

Cable specific standards

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

General standards

Connector standard	IEC 61076-3-106 Var. 5, IEC 60603-7-51
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Cable structure

Arrangement of wire cores	Twisted pair	Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Insulation	PE	Insulation cross-section	1 mm
Material sheath	PUR	Number of wires	8
Sheath diameter, max.	6.3 mm	Sheath diameter, min.	5.7 mm
Sheathing colour	green (RAL 6018)	Shielding	SF/UTP
Shielding braid thickness	0.1 mm	Standard designations	SF/UTP, IE-7IC4x2xAWG23/1-PUR 02YSC11Y PIMF
Strands	7	Wire material	Stranded tin-plated copper wire

Electrical properties of cable

Capacity at 1 kHz	47 nF/km	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 5 Ω at 100MHz	Delay skew	25 ns/100m
Loop resistance	290 Ω/km	Signal propagation time	4.85 ns/m
Test voltage: wire-wire-shield	1000 V _{rms} , 50 Hz, 1 min		

Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen	halogen-free, according to IEC 60754-2	Min. bending radius, once only	4 x cable diameter
Min. bending radius, repetitive	10 x cable diameter	Resistance to oils	in accordance with IEC 60811-2-1
Resistance to spread of flame	in accordance with IEC 60332-1	Silicone-free	Yes
UV-resistant	Yes		

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Technical data

Plug

Plug left	RJ45, IP67, male contact, straight, RockStar V05, Diecast aluminium, shielded	Plug right	RJ45, IP67, male contact, straight, RockStar V05, Diecast aluminium, shielded
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Plug, left

Plug left	RJ45, IP67, male contact, straight, RockStar V05, Diecast aluminium, shielded
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Plug, right

Plug right	RJ45, IP67, male contact, straight, RockStar V05, Diecast aluminium, shielded
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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

Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN