

**Industrial Ethernet
IE-5CC4X2XAWG26/7-PUR**

Weidmüller Interface GmbH & Co. KG
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Bulk stock, copper cable, flexible, 4 x 2 x AWG 26/7, Cat. 5, green

General ordering data

Type	IE-5CC4X2XAWG26/7-PUR
Order No.	8813200000
Version	System cable, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 100 m
GTIN (EAN)	4032248513055
Qty.	1 pc(s).

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Catalogue status 03.04.2020 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	100 m	Length (inches)	3.937 inch
Net weight	3,882 g	Insulation cross-section	1 mm

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Storage 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)		

Cable structure

Wire material	Stranded tin-plated copper wire	Standard designations	SF/UTP, IE-5CC4x2xAWG26/7-PUR LI02YS(ST)C11Y (UL) AWM 20963 80°C 30V
Strands	7	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Insulation	PE	Insulation cross-section	1 mm
Number of wires	8	Arrangement of wire cores	Twisted pair
Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown	Shielding	SF/UTP
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Shielding braid thickness	0.1 mm
Material sheath	PUR	Sheath diameter, min.	5.7 mm
Sheath diameter, max.	6.1 mm	Sheathing colour	green (RAL 6018)

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Test voltage: wire-wire-shield	700 V AC
Characteristic impedance	100 ± 5 Ω at 100MHz	Loop resistance	290 Ω/km
Deviation	25 ns/100m	Capacity at 1 kHz	50 nF/km
Signal propagation time	4.85 ns/m		

Mechanical and material properties of cable

Min. bending radius, once only	5 x cable diameter	Min. bending radius, repetitive	10 x cable diameter
Abrasion resistance	very good	Resistance to spread of flame	in accordance with IEC 60332-1
Resistance to oils	in accordance with IEC 60811-2-1	UV-resistant	Yes
Silicone-free	Yes	Halogen	halogen-free, according to IEC 60754-2
Corrosiveness of fumes	to IEC 60754-2		

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Technical data**Classifications**

ETIM 6.0	EC000830	ETIM 7.0	EC003249
eClass 9.0	27-06-18-05	eClass 9.1	27-06-90-90
eClass 10.0	27-06-18-01	UNSPSC	26-12-16-06

Approvals

ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 9 IETH 18/19 EN FL FIELDWIRING EN PI PROFINET CABLING EN
Engineering Data	WSCAD
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

Data sheet

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Drawings

Detailed drawing

