

UNITRONIC® BUS CC

CC-Link bus cable for fixed installation - UL-verified

CC-Link to provide efficient, integrated factory and process automation. UV-resistant, flame retardant. Temperature range from -40°C bis +70°C

Info

Lapp Kabel is a regular member of the user organisation CC-Link Partner Association (CLPA), Japan.

LAPP KABEL STUTTGART UNITRONIC® BUS CC



Supplementary automation components from Lapp



Mechanical and plant engineering



Flame-retardant



Benefits

The CC-Link® system was developed by Mitsubishi Electric Automation, Japan.

This CC-Link® bus cable has successfully passed the CC-Link® Conformance Test in Japan.

Application range

CC-Link® (Control & Communication Link) = field bus network, for both control as well as information data to provide efficient, integrated factory and process automation.

Fixed installation of the CC-Link® network

Product features

Transmission rate in relation to the distance

156 kbit/s 1.200 m

625 kbit/s 900 m

Last Update (06.01.2025)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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2,5 Mbit/s 400 m
5,0 Mbit/s 160 m
10 Mbit/s 100 m
Flame-retardant according to CSA FT4
UL Vertical-Tray Flame Test
SUN RES acc. to UL 1581

Norm references / Approvals

CM UL/CSA certification 75°C or PLTC Sun Res

Product Make-up

Bare stranded copper wires
Core insulation: PE
Overall screening of braided tinned-copper strands
Outer sheath: PVC, red (RAL 3000)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Peak operating voltage:	300 V
Conductor resistance:	11 ohm/1,000 ft. (305 m) at 20°C
Minimum bending radius:	Fixed installation: 5 x outer diameter Flexing: 8 x outer diameter
Test voltage:	2000 V
Characteristic impedance:	110 ohm at 1 MHz
Temperature range:	-40°C to +70°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

CC-Link® is a registered trademark of CC-Link Partner Association, Japan (CLPA)

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Prices are net prices without VAT and surcharges. Sale to business customers only.



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Article number	Article designation	Number of cores and AWG size	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS CC					
2170360	UNITRONIC® BUS CC	3 x 1 x AWG20	7.7	38.8	76.6