

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.



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 600 m

Last Update (30.09.2021)

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Product Management www.lappkabel.de

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

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2,5 Mbit/s 200 m
5,0 Mbit/s 110-150 m
10 Mbit/s 50-100 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)

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

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)
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2170360	UNITRONIC® BUS CC	3 x 1 x AWG20	7.7	38.8	76.6