



UNITRONIC® BUS CC

LAPP KABEL STUTTGART UNITRONIC® BUS CC



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

- UV-resistant
- Flame-retardant according to CSA FT4 UL Vertical-Tray Flame Test
- Transmission rate in relation to the distance
 - 156 kbit/s 1.200 m
 - 625 kbit/s 600 m
 - 2,5 Mbit/s 200 m
 - 5,0 Mbit/s 110-150 m
 - 10 Mbit/s 50-100 m

Norm references / Approvals

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

Info

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

Technical data

| | |
|--|---|
| | ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable |
| | Peak operating voltage 300 V |
| | Conductor resistance 11 ohm/1,000 ft. (305 m) at 20°C |
| | Minimum bending radius 15 x outer diameter |
| | Test voltage 2000 V |
| | Characteristic impedance 110 ohm at 1 MHz |
| | Temperature range -40°C to +70°C |

| 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 |

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



UNITRONIC® BUS CC FD P FRNC

LAPP KABEL STUTTGART UNITRONIC® BUS CC FD P



Benefits

- The CC-Link® system was developed by Mitsubishi Electric Automation, 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.
- For highly flexible applications (power chains, moving machine parts)

Product features

- Transmission rate in relation to the distance
 - 156 kbit/s 1.200 m
 - 625 kbit/s 600 m
 - 2,5 Mbit/s 200 m
 - 5,0 Mbit/s 110-150 m
 - 10 Mbit/s 50-100 m
- Halogen-free and flame-retardant (IEC 60332-1-2)

Norm references / Approvals

- AWM 20233 80 °C 300V

Info

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

Technical data

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|--|--|
| | ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable |
| | Certifications UL AWM Style 20233 |
| | Peak operating voltage 300 V |
| | Conductor resistance 11 ohm/1,000 ft. (305 m) at 20°C |
| | Minimum bending radius Fixed installation: 4 x outer diameter Flexing: 8 x outer diameter |
| | Test voltage 2000 V |
| | Characteristic impedance 110 ohm at 1 MHz |
| | Temperature range -40°C to +80°C |

| Article number | Article designation | Number of cores and AWG size | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|------------------------------------|-----------------------------|------------------------------|---------------------|----------------------|----------------|
| UNITRONIC® BUS CC FD P FRNC | | | | | |
| 2170370 | UNITRONIC® BUS CC FD P FRNC | 3 x 1 x AWG20 | 8.5 | 39.9 | 84 |

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