Info

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

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 approval 75°C or PLTC Sun Res

Technical data

- **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
- **Temperature range** -40°C to +70°C
- **Characteristic impedance** 110 ohm at 1 MHz

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 150/100kg. 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.

Info

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UNITRONIC® BUS CC FD P FRNC

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

Technical data

- **Approvals** 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
- **Temperature range** -40°C to +80°C
- **Characteristic impedance** 110 ohm at 1 MHz

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

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. 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
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