

Product Description

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/cable tracks, moving machine parts etc.)

Benefits

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

Approvals (Norm references)

- AWM 20233 80°C 300V

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



Technical Data

Approvals

UL AWM Style 20233

Peak working voltage

300 V rms

Conductor resistance

11 ohms/1,000 ft. (305 m) at 20°C

Minimum bending radius

Static: 4 x cable diameter

Flexing: 8 x outer diameter

Test voltage

2000 V

Range of temperature

-40°C up to +80°C

Characteristic impedance

110 ohms at 1 MHz

Article List

Part 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

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

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

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