Bus system CC-Link • Fixed / continuous flexing application





**® LAPP GROUP** 



# 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 lapan.

# 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
- 156 kbit/s 1.200 m 625 kbit/s 600 m 2,5 Mbit/s 200 m 110-150 m 5.0 Mbit/s 10 Mbit/s 50-100 m

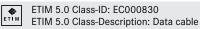
## Norm references / Approvals

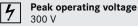
CM UL/CSA certification 75°C or PLTC Sun Res

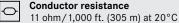
# Info

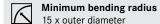
Lapp Kabel is a regular member of the user organisation CC-Link Partner Association (CLPA), Japan.

### **Technical data**















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 STUTIGART 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 200 m 2,5 Mbit/s 5.0 Mbit/s 110-150 m 50-100 m 10 Mbit/s
- Halogen-free and flame-retardant (IEC 60332-1-2)

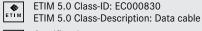
# Norm references / Approvals

AWM 20233 80 °C 300V

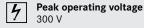
# Info

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

# Technical data



Certifications UL AWM Style 20233



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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