

# CC-LINK BUS CABLE

Stationary Cabling for CC-Link® Network

Control + Information  
CC-Link System



LAPP KABEL® CC-LINK BUS CABLE 3x1xAWG20<3801697> RoHS



## Application

CC-Link (Control & Communication Link) is a field network system that processes both control and information data at high speed, to provide efficient, integrated factory and process automation. CC-Link System has been developed by Mitsubishi Electric Automation, Japan.

## Transfer rates in relation to distance

156 kbit/s	1,200m
625 kbit/s	600m
2.5 Mbit/s	200m
5.0 Mbit/s	110-150m
10.0 Mbit/s	50-100m

## Note

For deviation to the standard range, e.g. conductor, insulation materials, outer jacket, special coverage and extended temperature range, please consult our technical adviser.

Full technical data sheet available upon request

## Cable Make-up

- Conductor: • 3x1x20AWG (7x0.32)
- Bare Copper
  - HDPE Insulation
  - Aluminium Foil-Polyester tape
  - Tinned copper braiding (approx. 80% coverage)
  - Tinned copper Drain wire AWG22
  - PVC outer jacket RED RAL 3000

## Technical Data

Minimum bending radius:  
15 x cable diameter (Static)

Characteristic Impedance:  
110 Ohm at 1MHz

Peak Working Voltage:  
300 V

Test Voltage:  
2000 V

Temperature range:  
static: -30°C to +60°C

Part Number	Designation	No. of cores / AWG	Approx. Outer Diameter mm	Approx. Copper weight kg/km	Approx. Cable Weight kg/km
3801697	CC-LINK BUS Cable	3 x 1 x AWG20	7.7	38.8	76.6