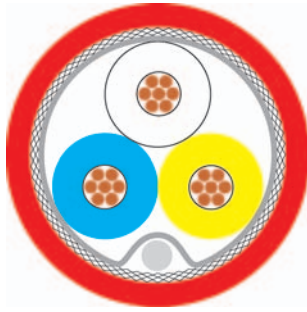


BUS Cables

CC-Link BUS



PVC



Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Shielding 1:
Shielding 2:
Total shielding:
Drain wire:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor 3x0.5 mm²

Copper, bare (AWG 20/7)
Foam-skin-PE
wh, bu, ye
Triple core
Polyester foil over stranded bundle
Polyester foil, aluminium-lined
Cu braid, tinned
yes
PVC
app. 7,7 mm ± 0,3 mm
Red

Electrical data

Characteristic impedance: 110 Ohm ± 15 Ohm
Conductor resistance, max.: 37,8 Ohm/km
Insulation resistance, min.: 10 GOhm x km
Loop resistance: 75 Ohm/km max.
Mutual capacitance: 60 nF/km nom.
Test voltage: 2 kV
Attenuation:
1 MHz < 16,0 dB/100m
5 MHz < 35,0 dB/100m

Technical data

Weight: app. 77 kg/km
bending radius, repeated: 120 mm
Operating temperature range min.: -40°C
Operating temperature range max.: +75°C
Caloric load, approx. value: 1,10 MJ/m
Copper weight: 40,00 kg/km

Norms

Applicable standards: CC-Link Specification 1.10
Flame-retardant acc. to EN 50265-2-1
UL Style: CM 75°C or PLTC
CSA standard: CSA FT 4

Application

HELUKABEL® CC-Link Bus PVC for fixed installation. The primary market is Asia, but the USA and the United Kingdom are using CC-Link increasingly. The cable has the appropriate approvals for these markets. A version with power supply conductors is optionally available. It is used particularly in channels.

Part no.

800497, CC-Link communications cable

Dimensions and specifications may be changed without prior notice.

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