

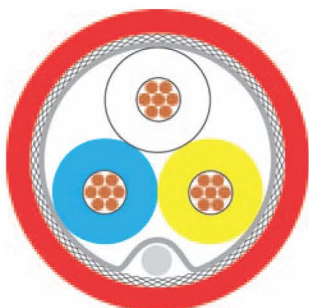


Data, Network and Bus Technology / HELUKABEL® BUS-Cables

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:
Conductor resistance, max.:
Insulation resistance, min.:
Loop resistance:
Mutual capacitance:
Test voltage:
Attenuation:

110 Ohm ± 15 Ohm
37,8 Ohm/km
10 GOhm x km
75 Ohm/km max.
60 nF/km nom.
2 kV
1 MHz < 16,0 dB/100m
5 MHz < 35,0 dB/100m

Technical data

Weight:
bending radius, repeated:
Operating temperature range min.:
Operating temperature range max.:
Caloric load, approx. value:
Copper weight:

app. 77 kg/km
120 mm
-40°C
+75°C
1,10 MJ/m
40,00 kg/km

Norms

Applicable standards:
UL Style:
CSA standard:

CC-Link Specification 1.10
Flame-retardant acc. to EN 50265-2-1
CM 75°C or PLTC
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.