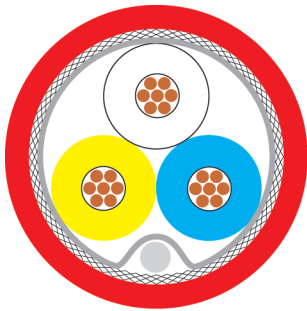


# BUS Cables

CC-Link BUS fixed installed

 **HELUKABEL®**

PVC



## Type Cable structure

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

## Fixed installation, indoor 3x0.5 mm<sup>2</sup>

Copper, bare (AWG 20/7)  
Foam-skin-PE  
wh, bu, ye  
Triple core  
Polyester foil over stranded bundle  
Al-Foil  
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.