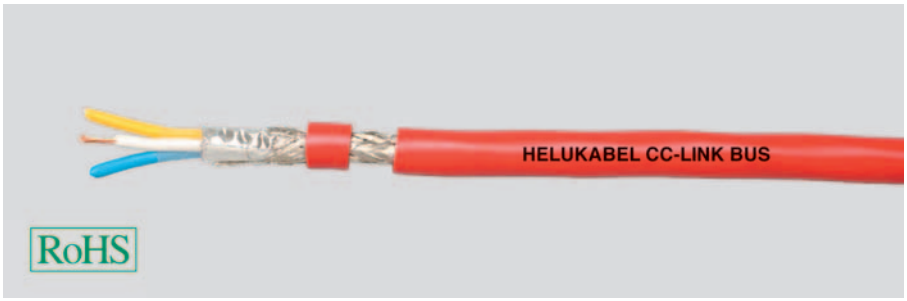
BUS Cables

CC-Link BUS

HELUKABEL

PVC



Type
Fixed installation, indoor

Cable structure
3x0.5 mm²

Inner conductor diameter:	Copper, bare (AWG 20/7)
Core insulation:	Cell PE
Core colours:	wh, bu, ye
Stranding element:	Triple core
Shielding 1:	Polyester foil over stranded bundle
Shielding 2:	Polyester foil, aluminium-lined
Total shielding:	Cu braid, tinned
Drain wire:	yes
Outer sheath material:	PVC
Cable external diameter:	approx. 7,7 mm ± 0,3 mm
Outer sheath colour:	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:	approx. 77 kg/km
bending radius, repeated:	120 mm
Operating temperature range min.:	-40°C
Operating temperature range max.:	+70°C
Caloric load, approx. value:	1,10 MJ/m
Copper weight:	40,00 kg/km

Norms

Applicable standards:	CC-Link Specification 1.10
UL Style:	CM 75°C or PLTC
CSA standard:	CSA FT 4

Application

The CC link (control and communication link) is a field bus system that is used in the area of testing, sensors and actuators. The main target market is Asia, but the USA and Great Britain also rely more and more on CC link. As an option, a version with power supply cores is available. It is used particularly in channels.

Part no.

800497, CC-Link communications cable

Dimensions and specifications may be changed without prior notice.