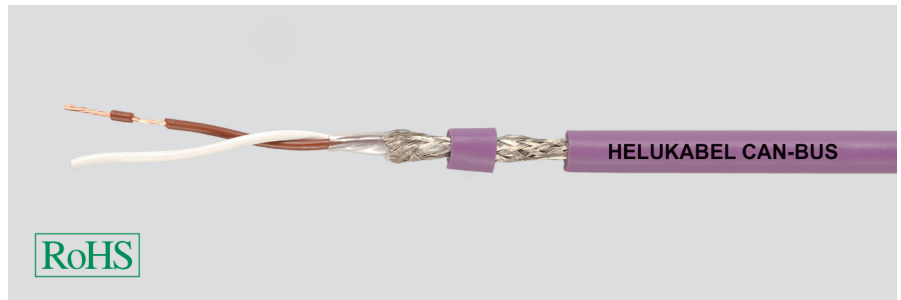
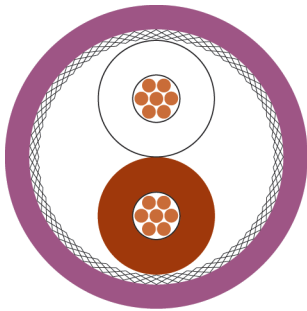


# BUS Cables

CAN Bus fixed installed

 **HELUKABEL®**

PVC



## Type Cable structure

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

## Fixed installation, indoor 1x2x0.50 mm<sup>2</sup> (stranded)

Copper, bare (AWG 20/7)  
Foam-skin-PE  
wh/bn  
Double core  
Polyester foil over stranded bundle  
-  
Cu braid, tinned  
PVC  
app. 7,0 mm ± 0,2 mm  
Violet similar to RAL 4001

## Fixed installation, indoor 4x1x0.50 mm<sup>2</sup> (stranded)

Copper, bare (AWG 20/7)  
Foam-skin-PE  
wh, bn, gn, ye  
Star quad  
Polyester foil over stranded bundle  
-  
Cu braid, tinned  
PVC  
app. 8,5 mm ± 0,2 mm  
Violet similar to RAL 4001

## Electrical data

Characteristic impedance: 120 Ohm ± 10 %  
Conductor resistance, max.: 36,4 Ohm/km  
Insulation resistance, min.: 1 GOhm x km  
Loop resistance: 72 Ohm/km max.  
Mutual capacitance: 40 nF/km nom.  
Test voltage: 1,5 kV

120 Ohm ± 10 %  
37 Ohm/km  
1 GOhm x km  
74 Ohm/km max.  
44 nF/km nom.  
1,5 kV

## Technical data

Weight: app. 69 kg/km  
bending radius, repeated: 100 mm  
Operating temperature range min.: -40°C  
Operating temperature range max.: +70°C  
Caloric load, approx. value: 1,09 MJ/m  
Copper weight: 30,00 kg/km

app. 100 kg/km  
130 mm  
-40°C  
+70°C  
1,64 MJ/m  
45,00 kg/km

## Norms

Applicable standards: CAN Bus acc. to ISO 11898-2  
Flame-retardant acc. to EN 50265-2-1  
UL Style 2571

CAN Bus acc. to ISO 11898-2  
Flame-retardant acc. to EN 50265-2-1  
UL Style 2571

## Application

HELUKABEL® CAN Bus for fixed installation and occasion motion, for normal requirements. The 2-pair version is designed with star-quad twisting, i.e. diagonal conductors form an electrical pair and meets the requirements of the CAN standard. For cable lengths up to 600m (observe CAN specifications).

## Part no.

**800571**, CAN BUS

**800685**, CAN BUS

Dimensions and specifications may be changed without prior notice.