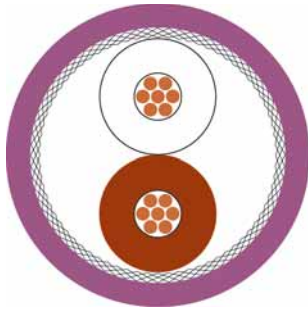


# BUS Cables

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 1x2x0.34 mm<sup>2</sup> (stranded)

Copper, bare (AWG 22/7)  
Cell PE  
wh/bn  
Double core  
Polyester foil over stranded bundle  
-  
Cu braid, tinned  
PVC  
app. 6,5 mm ± 0,2 mm  
Violet similar to RAL 4001

## Fixed installation, indoor 4x1x0.34 mm<sup>2</sup> (stranded)

Copper, bare (AWG 22/7)  
Cell PE  
wh/bn, gn/ye  
Star quad  
Polyester foil over stranded bundle  
-  
Cu braid, tinned  
PVC  
app. 8,0 mm ± 0,2 mm  
Violet similar to RAL 4001

## Electrical data

Characteristic impedance:  
Conductor resistance, max.:  
Insulation resistance, min.:  
Loop resistance:  
Mutual capacitance:  
Nominal voltage:  
Test voltage:

120 Ohm ± 10 %  
57 Ohm/km  
5 GOhm x km  
114 Ohm/km max.  
58 nF/km nom.  
30 V  
2 kV

120 Ohm ± 10 %  
57 Ohm/km  
5 GOhm x km  
114 Ohm/km max.  
40 nF/km nom.  
30 V  
2 kV

## Technical data

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

app. 65 kg/km  
98 mm  
-30°C  
+70°C  
1,109 MJ/m  
23,00 kg/km

app. 77 kg/km  
120 mm  
-30°C  
+70°C  
1,179 MJ/m  
30,00 kg/km

## Norms

Applicable standards:  
UL Style:

CAN Bus acc. to ISO 11898-2  
Flame-retardant acc. IEC 60332-2-1  
UL Style 2571

CAN Bus acc. to ISO 11898-2  
Flame-retardant acc. IEC 60332-2-1  
UL Style 2571

## Application

HELUKABEL® CAN Bus for fixed installation and occasional motion, for normal requirements. The 2-pair version is designed with a star-quad twisting, i.e. diagonal conductors form an electrical pair and meets the requirements of the CAN standard. For cable lengths up to max. 40m (observe CAN specifications).

## Part no.

**801572**, CAN BUS

**801573**, CAN BUS

Dimensions and specifications may be changed without prior notice.