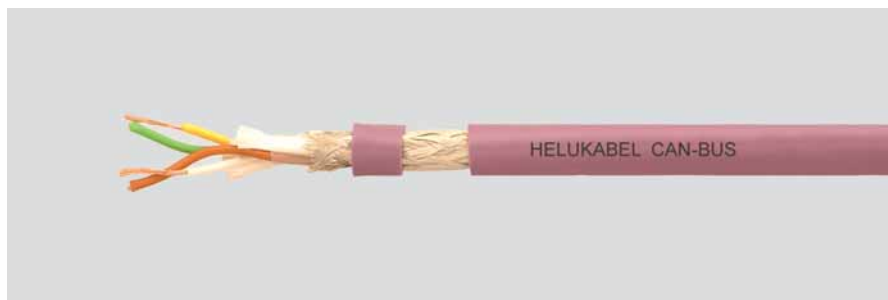
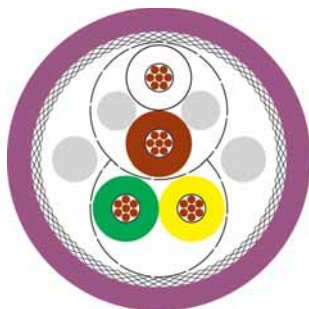


# BUS Cables

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 2x2x0.22 mm<sup>2</sup> (stranded)

Copper, bare (AWG 24/7)  
Cell PE  
wh/bn, gn/ye  
2 cores + 2 fillers stranded together  
Polyester foil over stranded bundle  
-  
Cu braid, tinned  
PVC  
app. 7,5 mm ± 0,3 mm  
Violet similar to RAL 4001

## Electrical data

Characteristic impedance: 120 Ohm ± 10 %  
Conductor resistance, max.: 87,6 Ohm/km  
Insulation resistance, min.: 5 GOhm x km  
Loop resistance: 175,2 Ohm/km max.  
Mutual capacitance: 40 nF/km nom.  
Nominal voltage: 30 V  
Test voltage: 1,5 kV

## Technical data

Weight: app. 60 kg/km  
bending radius, repeated: 113 mm  
Operating temperature range min.: -25°C  
Operating temperature range max.: +70°C  
Caloric load, approx. value: 1,13 MJ/m  
Copper weight: 32,00 kg/km

## Norms

Applicable standards: CAN Bus acc. to ISO 11898-2  
Flame-retardant acc. to IEC 60332-1-2  
UL Style: UL Style 2571  
CSA standard: CSA FT1

## Application

HELUKABEL® CAN BUS for fixed installation and occasion motion, for normal requirements. The two signal pairs are provided in the form twisted pairs. As a result, the diameter is somewhat larger than that of 81287. In the event of diameter problems, please have a look at this type. For cable lengths up to max. 40m ( observe CAN specifications).

## Part no.

**82509**, CAN BUS

Dimensions and specifications may be changed without prior notice.

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