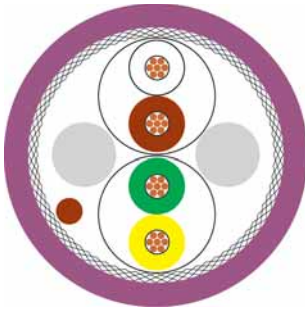


# BUS Cables

CAN Bus fixed installed 105°C

**HELUKABEL®**

PUR



## 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:

## Industrial Area

### 2x2x0,25 mm<sup>2</sup> (stranded)

Copper, bare (AWG 24/19)  
XLPE ray cross-linking  
wh/bn, gn/ye  
Double core  
Polyester foil over stranded bundle  
-  
Cu braid, tinned  
PUR  
app. 8,4 mm ± 0,3 mm  
Violet similar to RAL 4001

## Electrical data

Characteristic impedance: 120 Ohm ± 10 %  
Conductor resistance, max.: 87,2 Ohm/km  
Insulation resistance, min.: 1 GOhm x km  
Loop resistance: 174,4 Ohm/km max.  
Mutual capacitance: 42 nF/km nom.  
Nominal voltage: 600 V  
Test voltage: 2,5 kV

## Technical data

Weight: app. 80 kg/km  
bending radius, repeated: 126 mm  
Operating temperature range min.: -40°C  
Operating temperature range max.: +105°C \*  
Caloric load, approx. value: 1,31 MJ/m  
Copper weight: 40,00 kg/km

## Norms

Applicable standards: CAN Bus acc. to ISO 11898-2  
Halogen-free acc. to 60754-1  
Flame-retardant acc. to IEC 60332-1-2  
UL/CSA 21223 80°C, 600V

UL Style:

## Application

HELUKABEL® CAN Bus for fixed installation up to 105°C in difficult industrial environments with demanding temperature requirements thanks to cross-linking of the conductor insulation. Thanks to use a PUR sheath, this version is also halogen-free. For cable lengths up to max. 40m (observe CAN specifications).

## Part no.

**801982**, CAN BUS

Dimensions and specifications may be changed without prior notice.