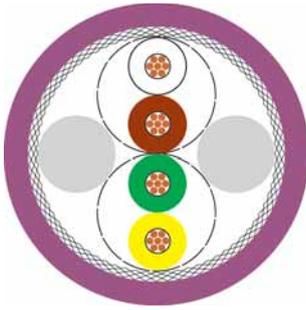


BUS Cables

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 2x2x0.50 mm² (stranded)

Copper, bare (AWG 20/7)
Foam-skin-PE
wh/bn, gn/ye
Double core
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 9,6 mm ± 0,3 mm
Violet similar to RAL 4001

Electrical data

Characteristic impedance: 120 Ohm ± 10 %
Conductor resistance, max.: 34,4 Ohm/km
Insulation resistance, min.: 5 GOhm x km
Loop resistance: 68,8 Ohm/km max.
Mutual capacitance: 40 nF/km nom.
Nominal voltage: 250 V
Test voltage: 1,5 kV

Technical data

Weight: app. 116 kg/km
bending radius, repeated: 150 mm
Operating temperature range min.: -40°C
Operating temperature range max.: +70°C
Caloric load, approx. value: 1,62 MJ/m
Copper weight: 60,00 kg/km

Norms

Applicable standards: CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to IEC 60332-1-2
UL Style: CMX 75°C (shielded)
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 800685. In the event of diameter problems, please have a look at this type. For cable lengths up to 600m (observe CAN specifications).

Part no.

803722, CAN BUS

Dimensions and specifications may be changed without prior notice.