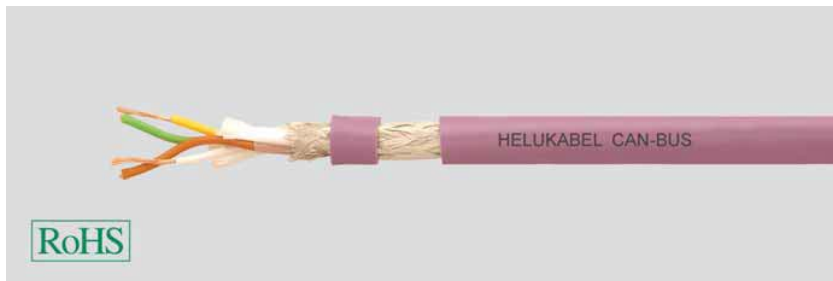
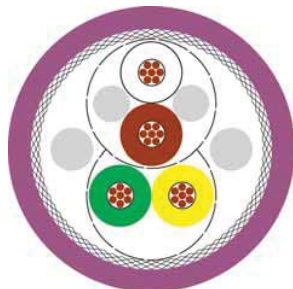


BUS Cables

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 mm² (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:
Conductor resistance, max.:
Insulation resistance, min.:
Loop resistance:
Mutual capacitance:
Nominal voltage:
Test voltage:

120 Ohm ± 10 %
87,6 Ohm/km
5 GOhm x km
175 Ohm/km max.
40 nF/km nom.
30 V
1,5 kV

Technical data

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

app. 60 kg/km
113 mm
-25°C
+70°C
1,13 MJ/m
32,00 kg/km

Norms

Applicable standards:

UL Style:
CSA standard:

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