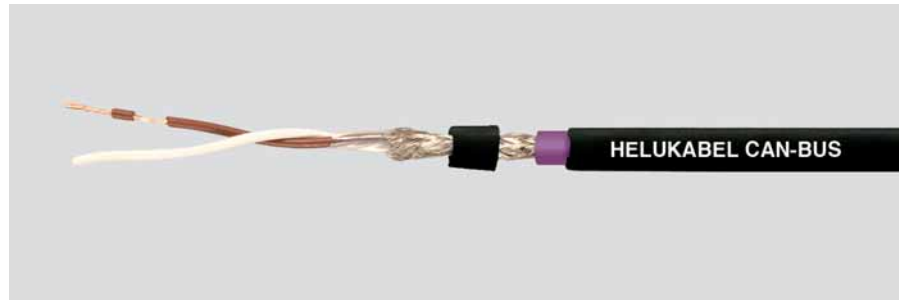
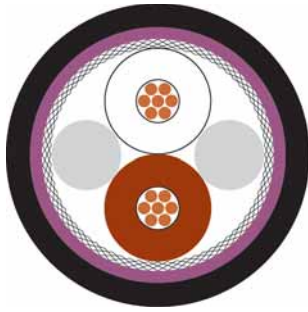


BUS Cables

CAN Bus direct Burial



Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Separator:
Inner sheath material:
Shielding 1:
Total shielding:
Armouring:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Electrical data

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

Technical data

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

Norms

Applicable standards:

Application

HELUKABEL® CAN Bus Direct Burial is suitable for fixed outdoor installation or direct burial applications. The 2-pair version is designed with star-quad twisting, i.e. diagonal conductors form an electrical pair and meets the requirements of the CAN standard. For cable lengths up to 600m (observe CAN specifications).

Part no.

Dimensions and specifications may be changed without prior notice.

Direct burial 1x2x0.50 mm² (stranded)

Copper, bare (AWG 20/7)
Foam-skin-PE
wh/bn
2 cores + 2 fillers stranded together
Polyester foil over stranded bundle
PVC
-
Cu braid, tinned
PET/PA tape
PE
app. 9,2 mm ± 0,4 mm
Black similar to RAL 9005

120 Ohm ± 10 %
37 Ohm/km
1 GOhm x km
74 Ohm/km max.
40 nF/km nom.
1,5 kV

app. 105 kg/km
150 mm
-40°C
+70°C
2,05 MJ/m
33,00 kg/km

CAN Bus acc. to ISO 11898-2

Direct burial 4x1x0.50 mm² (stranded)

Copper, bare (AWG 20/7)
Foam-skin-PE
wh, bn, gn, ye
Star quad
Polyester foil over stranded bundle
PVC
-
Cu braid, tinned
PET/PA tape
PE
app. 9,7 mm ± 0,4 mm
Black similar to RAL 9005

120 Ohm ± 10 %
36,4 Ohm/km
1 GOhm x km
72,8 Ohm/km max.
44 nF/km nom.
1,5 kV

app. 115 kg/km
160 mm
-40°C
+70°C
2,18 MJ/m
45,00 kg/km

CAN Bus acc. to ISO 11898-2

804269, CAN BUS

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[83005-WHT-500](#) [83006-DK-GRN-100](#) [83008-WHT-1000](#) [83009-BLK-100](#)