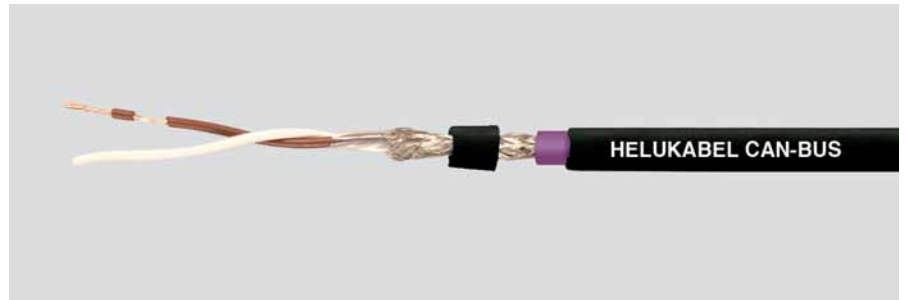
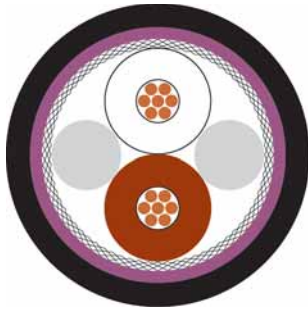


# BUS Cables

## 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 mm<sup>2</sup> (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 mm<sup>2</sup> (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

**804268**, CAN BUS

**804269**, CAN BUS