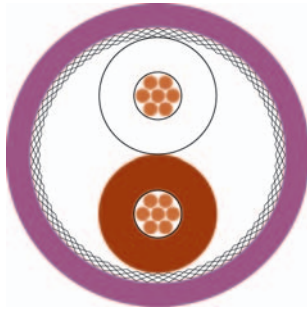


BUS Cables

CAN Bus



fixed installed



Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Shielding 1:
Shielding 2:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor 1x2x0.22 mm² (stranded)

Copper, bare (AWG 24/7)
Cell PE
wh/bn
Double core
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 5,4 mm ± 0,2 mm
Violet similar to RAL 4001

Fixed installation, indoor 4x1x0.22 mm² (stranded)

Copper, bare (AWG 24/7)
Cell PE
wh, bn, gn, ye
Star quad
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 6,9 mm ± 0,2 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 %
88 Ohm/km
1 GOhm x km
175 Ohm/km max.
58 nF/km nom.
30 V
1,5 kV

120 Ohm ± 10 %
88 Ohm/km
1 GOhm x km
175 Ohm/km max.
58 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. 41 kg/km
81 mm
-40°C
+70°C
0,574 MJ/m
17,00 kg/km

app. 60 kg/km
107 mm
-40°C
+70°C
1,234 MJ/m
21,00 kg/km

Norms

Applicable standards:
UL Style:

CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to EN 50265-2-1
UL Style 2571

CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to EN 50265-2-1
UL Style 2571

Application

HELUKABEL® CAN Bus for fixed installation and occasional motion, for normal requirements. The 2-pair version is designed with star-quad twisting, i.e. diagonal conductors form an electrical pair and satisfy the requirements of the CAN Standard. For cable lengths up to max. 40m (observe CAN specifications).

Part no.

81286, CAN BUS

81287, CAN BUS

Dimensions and specifications may be changed without prior notice.

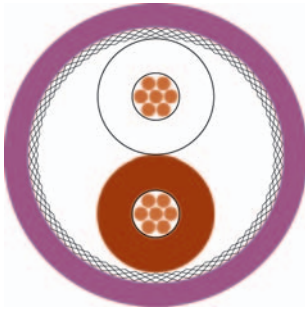
R

BUS Cables

CAN Bus



fixed installed



Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Shielding 1:
Shielding 2:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor 1x2x0.34 mm² (stranded)

Copper, bare (AWG 22/7)
Cell PE
wh/bn
Double core
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 6,5 mm ± 0,2 mm
Violet similar to RAL 4001

Fixed installation, indoor 4x1x0.34 mm² (stranded)

Copper, bare (AWG 22/7)
Cell PE
wh/bn, gn/ye
Star quad
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 8,0 mm ± 0,2 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 %
57 Ohm/km
5 GOhm x km
114 Ohm/km max.
58 nF/km nom.
30 V
2 kV

120 Ohm ± 10 %
57 Ohm/km
5 GOhm x km
114 Ohm/km max.
40 nF/km nom.
30 V
2 kV

Technical data

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

app. 65 kg/km
98 mm
-30°C
+70°C
1,109 MJ/m
23,00 kg/km

app. 77 kg/km
120 mm
-30°C
+70°C
1,179 MJ/m
30,00 kg/km

Norms

Applicable standards:
UL Style:

CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to EN 50265-2-1
UL Style 2571

CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to EN 50265-2-1
UL Style 2571

Application

HELUKABEL® CAN Bus for fixed installation and occasional motion, for normal requirements. The 2-pair version is designed with a star-quad twisting, i.e. diagonal conductors form an electrical pair and satisfy the requirements of the CAN standard. For cable lengths up to max. 40m (observe CAN specifications).

Part no.

801572, CAN BUS

801573, CAN BUS

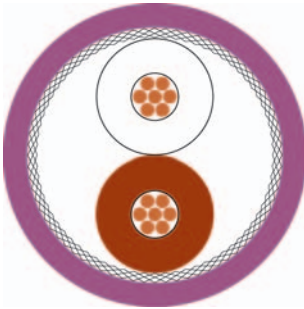
Dimensions and specifications may be changed without prior notice.

BUS Cables

CAN Bus



fixed installed



Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Shielding 1:
Shielding 2:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor 1x2x0.50 mm² (stranded)

Copper, bare (AWG 20/7)
Foam-skin-PE
wh/bn
Double core
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 7,0 mm ± 0,2 mm
Violet similar to RAL 4001

Fixed installation, indoor 4x1x0.50 mm² (stranded)

Copper, bare (AWG 20/7)
Foam-skin-PE
wh, bn, gn, ye
Star quad
Polyester foil over stranded bundle
-
Cu braid, tinned
PVC
app. 8,5 mm ± 0,2 mm
Violet similar to RAL 4001

Electrical data

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

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

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

Technical data

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

app. 69 kg/km
100 mm
-40°C
+70°C
1,09 MJ/m
30,00 kg/km

app. 100 kg/km
130 mm
-40°C
+70°C
1,64 MJ/m
45,00 kg/km

Norms

Applicable standards:

CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to EN 50265-2-1
UL Style 2571

CAN Bus acc. to ISO 11898-2
Flame-retardant acc. to EN 50265-2-1
UL Style 2571

Application

HELUKABEL® CAN Bus for fixed installation and occasion motion, for normal requirements. The 2-pair version is designed with star-quad twisting, i.e. diagonal conductors form an electrical pair and satisfy the requirements of the CAN standard. For cable lengths up to 600m (observe CAN specifications).

Part no.

800571, CAN BUS

800685, CAN BUS

Dimensions and specifications may be changed without prior notice.