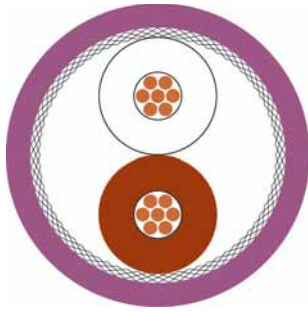


BUS Cables

CAN Bus drag chain, UL

HELUKABEL®

PUR



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:

Drag chain applications 1x2x0.5 mm² (stranded)

Copper, bare (AWG 20/30)
Foam-skin-PE
wh/bn
Double core
Polyester foil over stranded bundle
-
Cu braid, tinned
PUR
app. 7,9 mm ± 0,2 mm
Violet similar to RAL 4001

Drag chain applications 4x1x0.5 mm² (stranded)

Copper, bare (AWG 20/30)
Foam-skin-PE
wh, bn, gn, ye
Star quad
Polyester foil over stranded bundle
-
Cu braid, tinned
PUR
app. 8,1 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 %
39 Ohm/km
5 GOhm x km
78 Ohm/km max.
40 nF/km nom.
1,5 kV

120 Ohm ± 10 %
39 Ohm/km
5 GOhm x km
78 Ohm/km max.
40 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. 76 kg/km
120 mm
-30°C
+70°C
1,41 MJ/m
41,00 kg/km

app. 87 kg/km
122 mm
-30°C
+70°C
1,51 MJ/m
55,00 kg/km

Norms

Applicable standards:

CAN Bus acc. to ISO 11898-2
Acc. to ISO/IEC 11801
Halogen-free acc. to 60754-1
Flame-retardant acc. to IEC 60332-1-2
CMX 75°C (shielded)
CSA FT1

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CSA FT1

Application

HELUKABEL® CAN Bus is designed for guided continuous motion in cable carriers. For long cable lengths acc. ISO 11898 (observe CAN specifications). As 1- or 2-pair (starquad) version available

Part no.

805685, CAN BUS, highly flexible

805696, CAN BUS, highly flexible

Dimensions and specifications may be changed without prior notice.