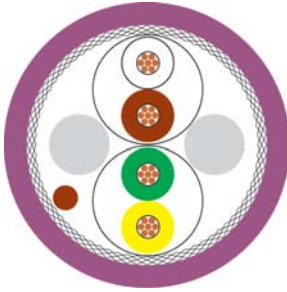


BUS Cables

BUS Cables CAN-Bus 0,25 mm², flexible, WK 105°C

 **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:

Industrial Area

2x2x0,25 mm² (stranded)

Copper, bare (AWG 24/19)
XLPE ray cross-linking
wh/bn, gn/ye
Double core
Polyester foil over stranded bundle
-
Cu braid, tinned
PUR
app. 8,4 mm ± 0,3 mm
Violet similar to RAL 4001

Electrical data

Characteristic impedance: 120 Ohm ± 10 %
Conductor resistance, max.: 87,2 Ohm/km
Insulation resistance, min.: 1 GOhm x km
Loop resistance: 174 Ohm/km max.
Mutual capacitance: 42 nF/km nom.
Nominal voltage: 600 V
Test voltage: 2,5 kV

Technical data

Weight: app. 80 kg/km
bending radius, repeated: 126 mm
Operating temperature range min.: -40°C
Operating temperature range max.: +105°C *
Caloric load, approx. value: 1,31 MJ/m
Copper weight: 40,00 kg/km

Norms

Applicable standards: CAN Bus acc. to ISO 11898-2
Halogen-free acc. to 60754-1
Flame-retardant acc. to IEC 60332-1-2
UL/CSA 21223 80°C, 600V

UL Style:

Application

HELUKABEL® CAN Bus for fixed installation up to 105°C in difficult industrial environments with demanding temperature requirements thanks to cross-linking of the conductor insulation. Thanks to use a PUR sheath, this version is also halogen-free. For cable lengths up to max. 40m (observe CAN specifications).

Part no.

801982, CAN BUS

Dimensions and specifications may be changed without prior notice.