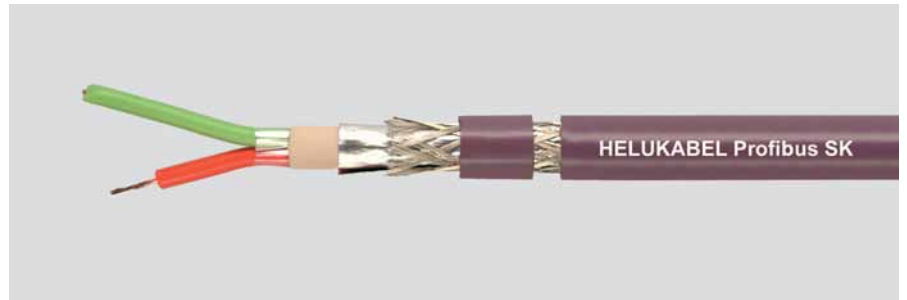
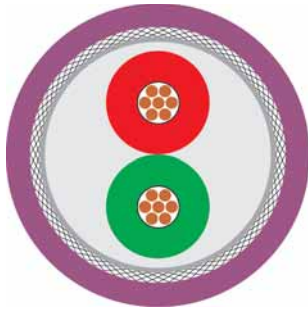


BUS Cables

Profibus SK drag chain



PUR



Type

Cable structure

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

Drag chain applications 1x2x0.65 mm (stranded)

Copper, bare (AWG 24/19)
Foam-skin-PE
rd, gn
Double core
Polyester foil over stranded bundle
PVC
Al-Foil
Cu braid, tinned
PUR
app. 8,0 mm ± 0,4 mm
Violet similar to RAL 4001

Drag chain applications 1x2x0.65 mm (stranded)

Copper, bare (AWG 24/19)
Foam-skin-PE
rd, gn
Double core
Polyester foil over stranded bundle
PVC
Al-Foil
Cu braid, tinned
PUR
app. 8,0 mm ± 0,4 mm
Petrol similar to RAL 5018

Electrical data

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

150 Ohm ± 10 %
67 Ohm/km
1 GOhm x km
134 Ohm/km max.
35 nF/km nom.
1,5 kV
9,6 kHz < 3,0 dB/km
38,4 kHz < 5,0 dB/km
4 MHz < 25,0 dB/km
16 MHz < 49,0 dB/km

150 Ohm ± 10 %
67 Ohm/km
1 GOhm x km
134 Ohm/km max.
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1,5 kV
9,6 kHz < 3,0 dB/km
38,4 kHz < 5,0 dB/km
4 MHz < 25,0 dB/km
16 MHz < 49,0 dB/km

Technical data

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

app. 70 kg/km
100 mm
-40°C
+70°C
1,53 MJ/m
25,00 kg/km

app. 70 kg/km
100 mm
-40°C
+70°C
1,53 MJ/m
25,00 kg/km

Norms

Applicable standards:
UL Style:
CSA standard:

Profibus acc. to DIN 19245 T3 and EN50170
Flame-retardant acc. to IEC 60332-1-2
CMX 75°C (shielded)
CSA FT1

Profibus acc. to DIN 19245 T3 and EN50170
Flame-retardant acc. to IEC 60332-1-2
CMX 75°C (shielded)
CSA FT1

Application

HELUKABEL® Profibus SK drag chain is designed for continuous motion in cable carriers and has a special structure for processing with the Fast Connect Stripping Tool from Siemens. Thanks to the PU sheath, it also offers excellent resistance to common mineral oils, greases and cooling lubricants. Depending on the application, the colour petrol or violet is available.

Part no.

801659, Profibus SK

81906, Profibus SK

Dimensions and specifications may be changed without prior notice.