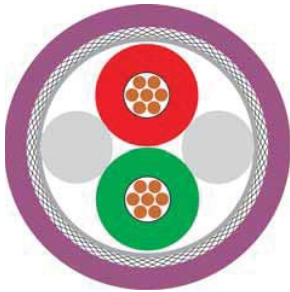


BUS Cables

Profibus L2 Drag Chain



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 1x2x0.64 mm (stranded)

Copper, bare (AWG 24/19)
Foam-skin-PE
rd, gn
2 cores + 2 fillers stranded together
Polyester foil over stranded bundle
Al-Foil
Cu braid, tinned
PUR
app. 8,0 mm ± 0,4 mm
Violet similar to RAL 4001

Drag Chain applications 1x2x0.64 mm (stranded)

Copper, bare (AWG 24/19)
Foam-skin-PE
rd, gn
2 cores + 2 fillers stranded together
Polyester foil over stranded bundle
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 %
80 Ohm/km
5 GOhm x km
160 Ohm/km max.
30 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 < 52,0 dB/km

150 Ohm ± 10 %
80 Ohm/km
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9,6 kHz < 3,0 dB/km
38,4 kHz < 5,0 dB/km
4 MHz < 25,0 dB/km
16 MHz < 52,0 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
80 mm
-30°C
+70°C
1,24 MJ/m
25,00 kg/km

app. 70 kg/km
80 mm
-30°C
+70°C
1,24 MJ/m
25,00 kg/km

Norms

Applicable standards:

Profibus acc. to DIN 19245 T3 and EN50170
Halogen-free acc. to 60754-2

Profibus acc. to DIN 19245 T3 and EN50170
Halogen-free acc. to 60754-2

Application

HELUKABEL® Profibus L2 Trailing cable for permanent moving in Drag Chain. Two jacket colours available - petrol or violet. All other technical parameters are the same.

Part no.

80267, Profibus L2

81003, Profibus L2

Dimensions and specifications may be changed without prior notice.