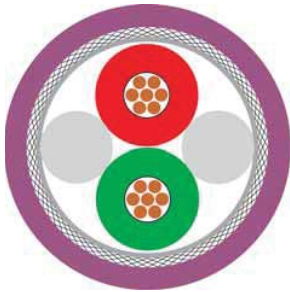


# BUS Cables

## 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

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Foam-skin-PE  
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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

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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

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### Norms

Applicable standards:

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

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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.