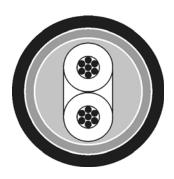
### **BUS Cables**

### HELUKABEL

RoHS

Profibus SK Drag Chain



# Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Shielding 1:
Shielding 2:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

### **Electrical data**

Characteristic impedance: Conductor resistance: Insulation resistance: Mutual capacitance: Test voltage: Attenuation:



## Drag chain applications 1x2x0.64 mm (stranded)

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

150 Ohm ± 10 % 84,0 Ohm/km max. 1,00 GOhm x km min. 35,0 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

### Drag chain applications 1x2x0.64 mm (stranded) Copper, bare (AWG 24/19)

Copper, bare (AWG 24/19)
Foam-skin-PE
rd, gn
2 cores + filler
Polyester foil over stranded bundle
Polyester foil, aluminium-lined
Cu braid, tinned
PUR
approx. 8,0 mm ± 0,4 mm
Petrol similar to RAL 5018

150 Ohm ± 10 % 84,0 Ohm/km max. 1,00 GOhm x km min. 35,0 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

#### **Technical data**

Weight: Min. bending radius for laying: Operating temperature range min.: Operating temperature range max.: Caloric load, approx. value: Copper weight: approx. 70,0 kg/km 60,0 mm -40°C +70°C 1,53 MJ/m 25,0 kg/km approx. 70,0 kg/km 60,0 mm -40°C +70°C 1,53 MJ/m

25,0 kg/km

#### Norms

Applicable standards: UL Style: Profibus acc. to DIN 19245 T3 and EN50170 CMX 75°C (shielded)

Profibus acc. to DIN 19245 T3 and EN50170 CMX 75°C (shielded)

### **Application**

The application of these Profibus SK cables are in the cell and field area, just as for conventional types. The great advantage of this new system is the quick connection of the cable to the respective plugs. This type of processing also avoids errors. The above mentioned types are suitable for drag chains (stranded).

Part no. 801659, Profibus SK 81906, Profibus SK

Dimensions and specifications may be changed without prior notice.





