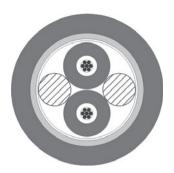
# **BUS Cables**

### **Profibus L2**





## **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, max.: Insulation resistance, min.: Loop resistance: Mutual capacitance: Test voltage: Attenuation:

#### **Technical data**

Weight:

Min. bending radius for laying: Operating temperature range min.: Operating temperature range max.: Caloric load, approx. value: Copper weight:

#### Norms

Applicable standards:



### **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 Polyester foil, aluminium-lined Cu braid, tinned PHR approx. 8,0 mm ± 0,4 mm Petrol similar to RAL 5018

150 Ohm ± 10 % 82 Ohm/km 1 G0hm x km 164 Ohm/km max. 30 nF/km nom 1.5 kV < 3,0 9,6 dB/km kH7 38,4 kHz < 5,0 dB/km MHz < 25,0 dB/km 4

< 52,0

dB/km

MHz

approx. 65 kg/km 60 mm -20°C +60°C 1.52 MJ/m 25,00 kg/km

16

## **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 Polyester foil, aluminium-lined Cu braid, tinned PHR approx.  $8.0 \text{ mm} \pm 0.4 \text{ mm}$ Violet similar to RAL 4001

150 Ohm ± 10 % 82 Ohm/km 1 G0hm x km 164 Ohm/km max. 30 nF/km nom 1.5 kV kHz 9.6 < 3,0 dB/km 38,4 kHz < 5,0 dB/km MHz < 25,0 dB/km 4 16 MHz < 52,0 dB/km

approx. 65 kg/km 60 mm -20°C +60°C 1.52 MJ/m 25,00 kg/km

Profibus acc. to DIN 19245 T3 and EN50170 Profibus acc. to DIN 19245 T3 and EN50170

# Application

This system cable is used to interconnect L2-BUS components. This cable is an economical solution for the cell and field area. For the information exchange between different automation systems as well as for communication with the connected decentralized field units, serial field bus systems are used. The above mentioned types are suitable for drag chains (stranded).

Part no. **81003**, Profibus L2 **80267.** Profibus L2

Dimensions and specifications may be changed without prior notice.





