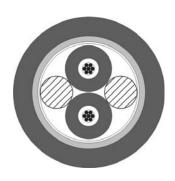
RoHS

Profibus L2 7-wire



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:



Mobile use 1x2x0.64 mm (stranded)

Copper, bare (AWG 24/7)

Foam-skin-PE

rd, gn

2 cores + 2 fillers stranded together Polyester foil over stranded bundle Polyester foil, aluminium-lined

Cu braid, tinned

approx. $7.8 \text{ mm} \pm 0.2 \text{ mm}$ Violet similar to RAL 4001

150 0hm ± 10 % 86,7 Ohm/km max. 1,00 G0hm x km min. 30,0 nF/km nom.

1.5 kV

9,6 kHz < 3.0dB/km 38,4 kHz < 5,0 dB/km MHz < 26,0 dB/km4 16 MHz < 55,0 dB/km

Technical data

Weight: approx. 75,00 kg/km

Min. bending radius for laying: 120,0 mm Operating temperature range min.: -20°C Operating temperature range max.: +70°C Caloric load, approx. value: 1,20 MJ/m Copper weight: 24,0 kg/km

Norms

Applicable standards: Profibus acc. to DIN 19245 T3 and EN50170

UL Style: UL Style 2571

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. With his cord design, the type mentioned here is suitable for laying in regular mobile applications and is equipped with a special PVC sheath.

Part no. 800648, Profibus L2

Dimensions and specifications may be changed without prior notice.





