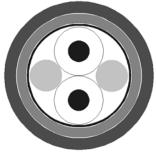
BUS Cables

RoHS

HELUKABEL

PROFIBUS L2 Outdoor + Industry



Туре 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:

Technical data

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

Dimensions and specifications may be changed without prior notice.

Norms

Applicable standards:

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 types mentioned here are suitable for outdoor laying (PE sheath) and industry laying (PUR sheath).

Part no.

80792, Profibus L2

81186, Profibus L2





Fixed installation. outdoor Industrial Area 1x2x0.64 mm

Copper, bare (AWG 22/1) Foam-skin-PE rd, gn 2 cores + 2 fillers stranded together Polyester foil over stranded bundle Polyester foil, aluminium-lined Cu braid, tinned PF approx. $8,0 \text{ mm} \pm 0,4 \text{ mm}$ Black similar to RAL 9005

150 0hm ± 10 % 55,0 0hm/km max. 1,00 GOhm x km min. 30,0 nF/km nom. 1.5 kV 9,6 kHz < 2,5 dB/km dB/km 38,4 kHz < 4,0 MHz < 22,0 dB/km 4 16 MHz < 42,0 dB/km

approx. 64,0 kg/km 120,0 mm -40°C +70°C 2,26 MJ/m 24,0 kg/km

1x2x0.64 mm

Copper, bare (AWG 22/1) Foam-skin-PE rd, gn 2 cores + 2 fillers stranded together Polvester foil over stranded bundle Polvester foil, aluminium-lined Cu braid, tinned PUR approx. $8,0 \text{ mm} \pm 0,4 \text{ mm}$ Petrol similar to RAL 5018

150 0hm ± 10 % 55,0 0hm/km max. 1,00 GOhm x km min. 30,0 nF/km nom. 1.5 kV 9,6 kHz < 2,5 dB/km 38,4 kHz < 4,0 dB/km 4 MHz < 22,0 dB/km 16 MHz < 42,0 dB/km

approx. 67,0 kg/km 120,0 mm -40°C +70°C 1,52 MJ/m 24,0 kg/km

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