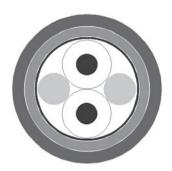
BUS Cables

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: UL Style: CSA standard:



Fixed installation, indoor Fixed installation, indoor 1x2x0.64 mm

Copper, bare (AWG 22/1) Foam-skin-PE rd, an 2 cores + 2 fillers stranded together Polyester foil over stranded bundle Polyester foil, aluminium-lined Cu braid, tinned PV/C approx. 7,8 mm ± 0,2 mm Grey similar to RAL 7001

150 Ohm ± 10 % 55 Ohm/km 1 G0hm x km 110 0hm/km max. 30 nF/km nom. 1.5 kV

< 2,5 9,6 dB/km kH7 38,4 kHz < 4,0 dB/km MHz < 22,0 dB/km 4 16 MHz < 42,0 dB/km

approx. 69 kg/km 120 mm -40°C +70°C 0.99 MJ/m 24,00 kg/km

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

CSA FT1

1x2x0.64 mm

Copper, bare (AWG 22/1) Foam-skin-PE rd, an 2 cores + 2 fillers stranded together Polyester foil over stranded bundle Polyester foil, aluminium-lined Cu braid, tinned PV/C approx. 7,8 mm ± 0,2 mm Violet similar to RAL 4001

150 Ohm ± 10 % 55 Ohm/km 1 G0hm x km 110 0hm/km max. 30 nF/km nom 1.5 kV < 2,5 9.6 kH7

dB/km 38,4 kHz < 4,0 dB/km MHz < 22,0 dB/km 4 16 MHz < 42,0dB/km

approx. 69 kg/km 120 mm -40°C +70°C 0.99 MJ/m 24,00 kg/km

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

CSA FT1

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 indoor laying and are equipped with a special PVC sheath.

Part no. **80384**, Profibus L2 81448, Profibus L2

Dimensions and specifications may be changed without prior notice.





