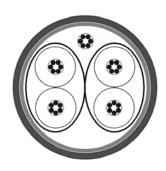
RoHS

DeviceNet™ PUR flexible



Type Cable structure

Inner conductor diameter 1: Inner conductor diameter 2:

Core insulation 1: Core insulation 2: Core colours 1: Core colours 2: Stranding element 1:

Shielding 1: Shielding 2: Total shielding: Drain wire:

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:

Norms

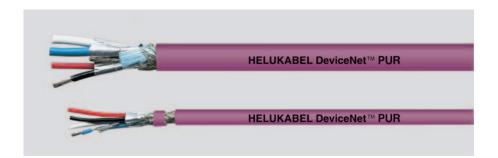
Applicable standards: **ODVA DeviceNet ODVA DeviceNet** UL Style: CMX 75°C CL2X CMX 75°C CL2X

Application

DeviceNet™ is a bus system developed by Allen Bradley (Rockwell Automation). These cables are used to interconnect various industrial devices, such as SPS controls or limit switches. The special characteristic of this bus system is that a data pair and a power supply pair are integrated in one cable. These cables with PUR sheath are designed for highly flexible applications.

Part no. 81909, DeviceNet PUR 81910, DeviceNet PUR

Dimensions and specifications may be changed without prior notice.



Drag chain applications 1x2xAWG18 + **1x2xAWG15**

Copper, tinned (AWG 18/40) Copper, tinned (AWG 15/84)

Cell PE Cell PE light bu, wh rd, bk Double core

Polvester foil, aluminium-lined

Cu braid, tinned

ves PUR

approx. 12,0 mm \pm 0,3 mm Violet similar to RAL 4001

120 Ohm ± 10 % 22,6 Ohm/km max. 0,20 G0hm x km min. 39.8 nF/km nom.

2,0 kV

kHz 125 < 0,41 dB/100m 500 kHz < 0.82 dB/100m

approx. 185,0 kg/km

61,0 mm -40°C +80°C 2,54 MJ/m 90,0 kg/km

Drag chain applications 1x2xAWG24 + 1x2xAWG22

Copper, tinned (AWG 24/19) Copper, tinned (AWG 22/19)

Cell PE Cell PE light bu, wh rd, bk Double core

Polvester foil, aluminium-lined

Cu braid, tinned

ves

. PUR

approx. $7.0 \text{ mm} \pm 0.3 \text{ mm}$ Violet similar to RAL 4001

120 Ohm ± 10 % 90,0 0hm/km max. 0,20 G0hm x km min. 39,8 nF/km nom.

2,0 kV

125 kHz < 0.95 dB/100m500 kHz < 1,64 dB/100m

approx. 68,0 kg/km

35,0 mm -40°C +80°C 0,76 MJ/m 35,0 kg/km





