



Reference: 13-DRX24P02R  
Country Ref.: 13-DRX24P02R

### CONTACT

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CAN-BUS cables with PVC jacket for fixed installation, shielded, flame retardant

### STANDARDS

Product UL and CSA approval

### APPLICATIONS

Interconnecting fieldbus cable for static application  
BUS cables to connect Controller Area Network components

### Normative references

**CAN standard and customers requirements**  
**UL recognized / CSA approval**



Operating temp.  
-20 ... 80 °C



Storage temperature, range  
-30 ... 80 °C



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1

## CHARACTERISTICS

### Construction characteristics

Construction type	(2x2x0.22)C
Conductor material	Bare copper
Insulation	Foam-skin
Insulation colour	DIN 47100
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Violet RAL 4001

### Dimensional characteristics

Nominal outer diameter	7.6 mm
Copper content	35 kg/km
Approximate weight	69 kg/km

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	300 V
Characteristic impedance	120 Ohm
Test voltage	1500 V

### Transmission characteristics

Attenuation at 1 MHz	1.3 dB/100m
Attenuation at 5 MHz	3.1 dB/100m
Attenuation at 10 MHz	4.3 dB/100m
Attenuation at 20 MHz	6.4 dB/100m

### Usage characteristics

Field of application	Static
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1