



CONTACT

Market information
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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

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

Electrical characteristics

Rated Voltage U ₀ /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

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
☎ 13-DRX24P01R	13-DRX24P01R	CAN BUS PVC (1x2x0.22)C	(1x2x0.22)C	5.7	17
☎ 13-DRX24P02R	13-DRX24P02R	CAN BUS PVC (2x2x0.22)C	(2x2x0.22)C	7.6	35

☎ = Make to order, 📦 = In stock,