



### CONTACT

Market information  
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Profibus cables with PVC jacket for fixed installation, shielded, flame retardant

### STANDARDS

**Product** UL and CSA approval

#### Applications

Bus cable family facilitating interconnections for L2 BUS components.

#### Normative references

UL/CSA

Flame retardant IEC 60332-1-2; FT1; UL 1581; EN 50265-2-1



Bending factor installed  
7.5 (xD)



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	(1x2x0,64/2,55)C
Conductor material	Bare copper
Insulation	Foam-skin
Insulation colour	Green - Red
Material of filler / inner sheath	Thermoplastic material
Taping	Aluminium / Polyester tape
Inner sheath	Thermoplastic compound
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Violet RAL 4001

## Dimensional characteristics

Copper content	27 kg/km
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## Electrical characteristics

Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	500 V
Characteristic impedance	150 Ohm

## Transmission characteristics

Attenuation at 9.6kHz	2.5 dB/1000m
Attenuation at 38.4kHz	4 dB/1000m
Attenuation at 4MHz	22 dB/1000m
Attenuation at 16 Mhz	42 dB/1000m

## Usage characteristics

Field of application	Static
Bending factor when installed	7.5 (xD)
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	Outer Diameter [mm]	Approximate weight [kg/km]
☎ 13-DRY22X02R	13-DRY22X02R	PROFIBUS PVC 1x2x0,64/2,55	8	95
📦 10552823	13-DRX22X02R	PROFIBUS PVC 1x2x0,64/2,55	7.8	62

☎ = Make to order, 📦 = In stock,