

## Coaxial Cables

# RG-59B/U-2

RoHS REACH CE



### Application

· For video transmission, used in applications up to 1 GHz.

### Cable Construction

- 1 - Conductor : 0.6  $\varnothing$  electrolytic solid copper conductor
- 2 - Insulation : 3.70 mm  $\varnothing$  solid polyethylene
- 3 - Screen : Electrolytic copper braiding
- 4 - Outer Jacket: UV resistant PVC, halogen-free, polyethylene outer jacket

### Technical Characteristics

Insulation Resistance	Mutual Capacitance	Propagation Velocity	Operating Voltage	Test Voltage	Characteristic Impedance
>2000 M $\Omega$ xkm	75 pF/m $\pm$ 3 pF/m	84%	5 kV	10 kV	75 $\Omega$ $\pm$ 3 $\Omega$

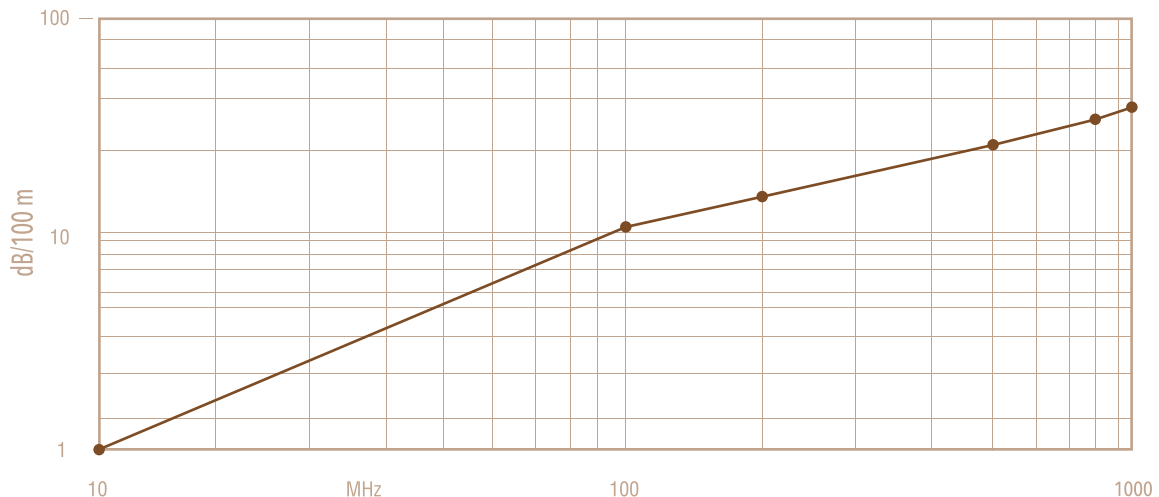
### Mechanical Characteristics

Bending Radius	Temperature Range Operating
20xD mm	-40 $^{\circ}$ C~+70 $^{\circ}$ C

### Standards

Smoke Density Test <sup>1</sup>	Corrosive Gas Test <sup>1</sup>	Halogen-free Test <sup>1</sup>	Flame Retardancy Test <sup>2</sup>
IEC 61034-2, VDE 0482-1034-2, EN 61034-2	IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3	IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1	IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2

### Attenuations



#### Notes

<sup>1</sup> Only applies to halogen-free jacketed cables.

<sup>2</sup> Only applies to PVC and halogen-free jacketed cables.

## RG-59B/U-2

Part Number	Conductor Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.705.01.2.0060.0.5920	1	0.6	6	12,6	47	100/500/1000