

Application

· Distribution cable for indoor CATV-CCTV systems as connection cable for satellite systems where low attenuation is required.

Cable Construction

- 1 - Conductor : 0.80 mm ø electrolytic solid copper conductor
- 2 - Insulation : 3.70 mm ø physical foam polyethylene
- 3 - Screen : Al/PET tape
- 4 - 2nd Screen : Aluminum braiding
- 5 - Outer Jacket: UV resistant PVC, halogen-free, polyethylene outer jacket

Technical Characteristics

Inner Conductor Resistance (20°C)	Outer Conductor Resistance (20°C)	Insulation Resistance	Mutual Capacitance	Propagation Velocity	Operating Voltage	Test Voltage	Characteristic Impedance
<36.0 Ω/km	<49.7 Ω/km	>2000 MΩxkm	53 pF/m±2 pF/m	84%	1.1 kV	2.5 kV	75Ω±3Ω

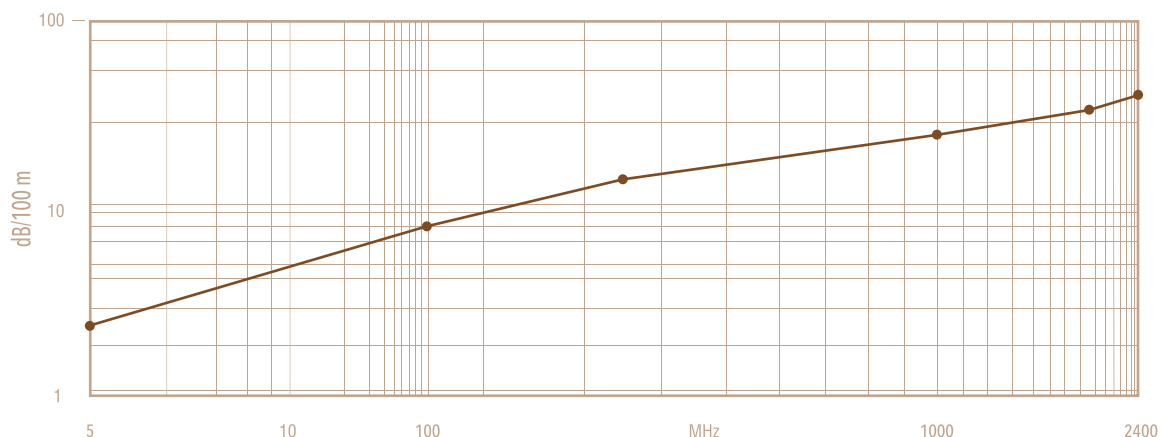
Mechanical Characteristics

Bending Radius	Temperature Range Operating
15xD mm	-40°C~+70°C

Standards

Smoke Density Test ¹	Corrosive Gas Test ¹	Halogen-free Test ¹	Flame Retardancy Test ²
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

- ¹ Only applies to halogen-free jacketed cables.
- ² Only applies to PVC and halogen-free jacketed cables.

RG-59/U-4

Part Number	Conductor Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.705.1.5.2.0080.3.5940	1	0.8	6	18.3	38	100/500/1000