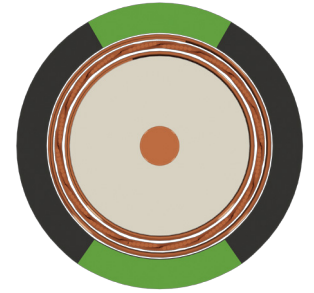


Coaxial Cables

RG-6/U-6 Trishield

RoHS REACH CE



Application

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

Cable Construction

- 1 - Conductor : 1.0 mm \varnothing electrolytic solid copper conductor
- 2 - Insulation : 4.60 mm \varnothing physical foam polyethylene
- 3 - Screen : Al/PET tape
- 4 - 2nd Screen : Electrolytic copper braiding
- 5 - 3rd Screen : Cu/PET tape
- 6 - 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 |
|-----------------------------------|-----------------------------------|-----------------------|-----------------------|----------------------|-------------------|--------------|------------------------------|
| <22.1 Ω /km | <17.6 Ω /km | >2000 M Ω xkm | 101 pF/m \pm 2 pF/m | 84% | 2.5 kV | 5 kV | 50 Ω \pm 3 Ω |

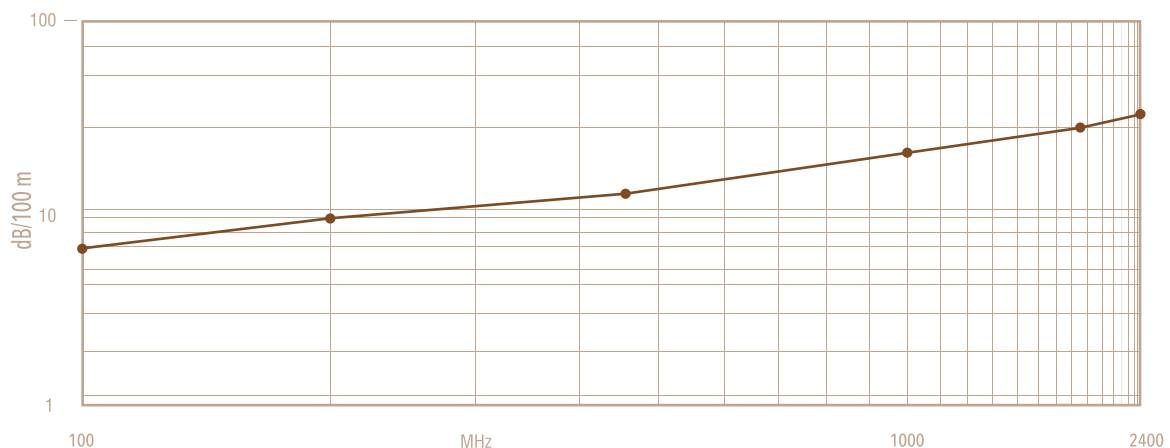
Mechanical Characteristics

| Bending Radius | Temperature Range Operating |
|----------------|-----------------------------|
| 10xD 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-6/U-6 Trishield

| Part Number | Conductor Count | Conductor Diameter (mm) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Lengths (m) |
|-------------------------|-----------------|-------------------------|-----------------------------|-----------------------|------------------------|---------------------|
| 3.706.2.5.3.0102.1.0660 | 1 | 1 | 6.9 | 18 | 55 | 100/500/1000 |