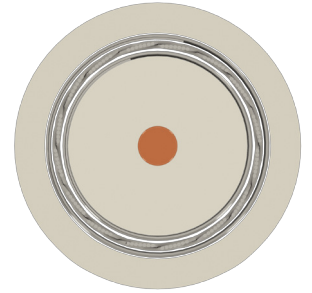
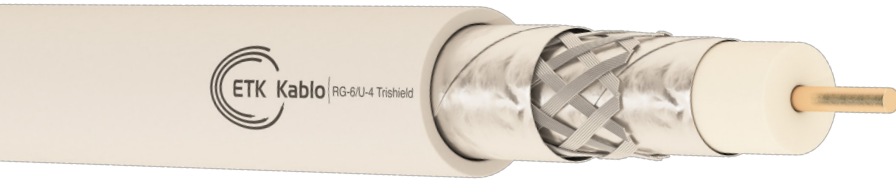


## Coaxial Cables

# RG-6/U-4 Trishield

RoHS

REACH



### 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 : Tinned copper braiding
- 5 - 3rd Screen : Al/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 $\Omega$ /km	<17.6 $\Omega$ /km	>2000 M $\Omega$ xkm	53 pF/m $\pm$ 2 pF/m	84%	1.3 kV	3 kV	75 $\Omega$ $\pm$ 3 $\Omega$

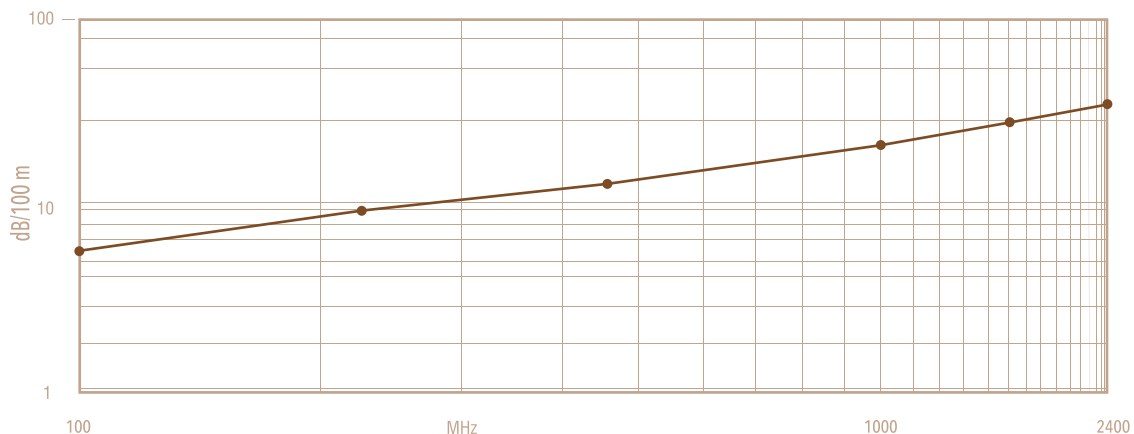
### Mechanical Characteristics

Bending Radius	Temperature Range Operating
20xD mm	-40°C~+70°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-6/U-4 Trishield

Part Number	Conductor Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.706.1.5.2.0102.2.0640	1	1	7	17.2	54	100/500/1000