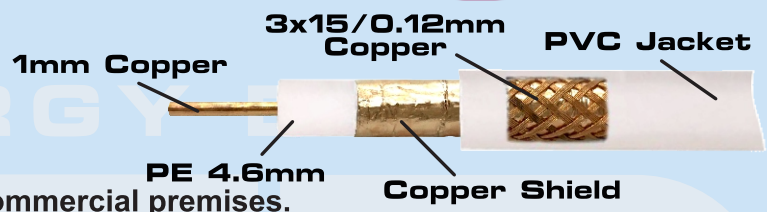


Coaxial Cable RG6 75Ω Copper

RG6 coaxial cable has a solid copper centre conductor surrounded by a non-conductive dielectric insulating material. The dielectric is surrounded by copper foil shield and copper braid which form the outer conductor and also shield against electromagnetic interference (EMI). The outer conductor/shield is encased in a PVC jacket. This cable is used to route cable television signals to and within homes. TED RG6 is the minimum requirement for digital TV antenna cabling and for all TV antenna cabling for apartments/units (MATV). It is also used for the distribution of Cable TV (CATV) and Satellite TV (SATV) in residential or commercial premises.



Construction						
Conductor	1 mm Full Copper					
Stranding	Solid					
Insulation	4.6 mm PE					
Shield	Foil Copper & 3x15/0.12 mm Copper					
Diameter Over Insulation	5 mm					
Jacket Color	White					
Mechanical Characteristics						
Sheath Tensile Strength	10 MPa					
Minimum Bending Radius	60 mm					
Normal Weight	19 kg/km					
Operating Temperature	-20°C +70°C					
Installation Temperature	-5°C +40°C					
Product Length	100 m					
Fire Resistive	No					
Fire Rating	No					
Electrical Performance						
Characteristic Impedance	75 Ohm +/- 3 Ohm					
Operating Frequency (MHz)	1-2000					
Attenuation at Typical Frequencies(dB/1m)	55MHz	211MHz	400MHz	870MHz	1000MHz	2000MHz
	0.057	0.097	0.136	0.19	0.205	0.31
VSWR 50-2000 MHz	1.25 Maximum					
Maximum Pull Tension	28 lbs					
Characteristic Impedance (Ohms)	75					
Screw (ns/100m)	60					
Nominal Velocity of Propagation (%)	90					