

# RG Type 75 Ohm Coaxial Cables

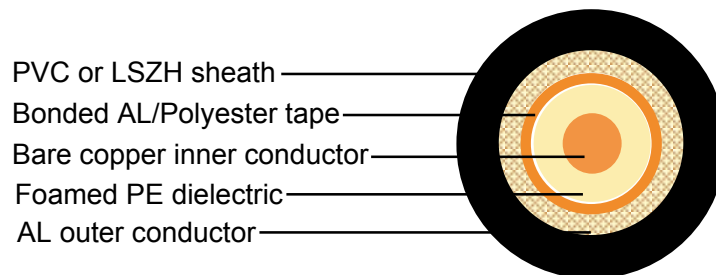
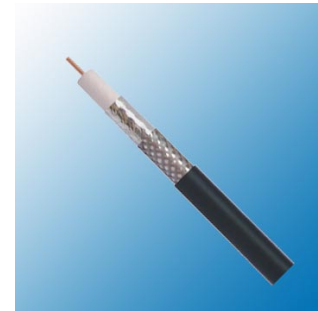
## RG 6/U

### Construction

Inner conductor	Bare copper	Φ1.02 mm
Dielectric	Foam PE	Φ4.57 ± 0.20 mm
Tape shield(shield 1)	Aluminium foil	
Shield coverage		100%
Outer conductor(shield 2)	Aluminium	96 x 0.12 mm
Shield coverage		70%
Sheath	PVC or LSZH	Φ7.00 ± 0.20 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	54 pF/m
Velocity of propagation	82%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	23.1 Ohm/Km
Outer conductor resistance	31Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	43 Kg/Km



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	5.0	1.5
100	6.4	1.96
200	9.2	2.8
500	14.5	4.4
600	15.9	4.9
800	17.7	5.4
1000	21.9	6.7
1350	24.9	7.6
1750	29.0	8.8
2050	33.1	10.1
2400	36.4	11.1