

# RG Type 75 Ohm Coaxial Cables

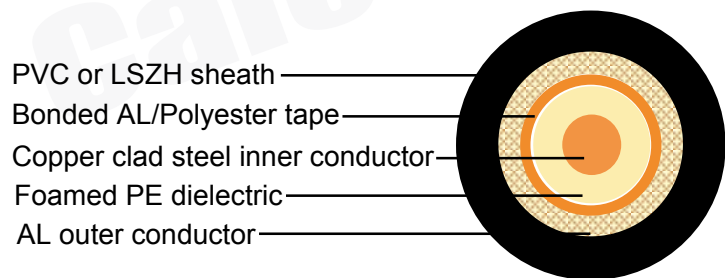
## RG 6

### Construction

Inner conductor	Copper clad steel (CCS)	Φ1.02 mm
Dielectric	Foam PE	Φ4.57 ± 0.20 mm
Tape shield(shield 1)	Bonded Aluminium/Polyester	
Shield coverage		100%
Outer conductor(shield 2)	Aluminium	96 x 0.12 mm
Shield coverage		82%
Sheath	PVC or LSZH	Φ6.91 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	54 pF/m
Velocity of propagation	83%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	21.7 Ohm/Km
Outer conductor resistance	24.1 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	45 Kg/Km



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	5.0	1.5
100	6.7	2.0
200	9.5	2.9
400	14.1	4.2
700	19.9	6.0
900	23.2	7.0
1000	24.8	7.5
1350	29.9	9.0
1750	35.1	10.5
2150	37.9	11.4
2500	39.0	11.7