

# RG Type 75 Ohm Coaxial Cables

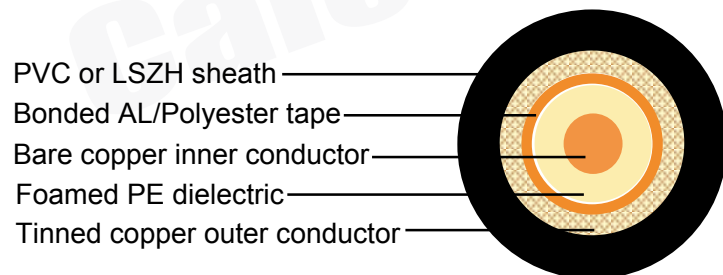
## RG 6/U4

### Construction

Inner conductor	Bare copper	Φ1.02 mm
Dielectric	Foam PE	Φ4.60 ± 0.20 mm
Tape shield(shield 1)	Aluminium foil	
Shield coverage		100%
Outer conductor(shield 2)	Tinned copper	64 x 0.12 mm
Shield coverage		60%
Sheath	PVC or LSZH	Φ6.80 ± 0.20 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	53 pF/m
Velocity of propagation	83%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	23.1 Ohm/Km
Outer conductor resistance	28Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	46 Kg/Km



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.5	1.4
100	6.2	1.9
200	8.9	2.7
500	15.1	4.6
600	16.8	5.1
800	19.0	5.8
1000	21.5	6.6
1350	24.9	7.6
1750	28.3	8.6
2150	31.1	9.5
2400	33.3	10.1