

# RG Type 75 Ohm Coaxial Cables

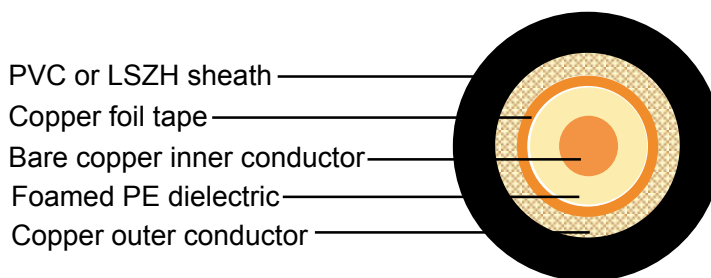
## RG 6/U6

### Construction

Inner conductor	Bare copper	Φ1.02 mm
Dielectric	Foam PE	Φ4.60 ± 0.20 mm
Tape shield(shield 1)	Copper foil	
Shield coverage		100%
Outer conductor(shield 2)	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	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.)	50 Kg/Km



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.4	1.3
100	6.1	1.9
200	9.2	2.8
500	14.8	4.5
600	16.0	4.9
800	19.0	5.8
1000	20.5	6.2
1350	23.7	7.2
1750	27.1	8.3
2150	29.9	9.1
2400	31.7	9.7

