

# RG Type 75 Ohm Coaxial Cables

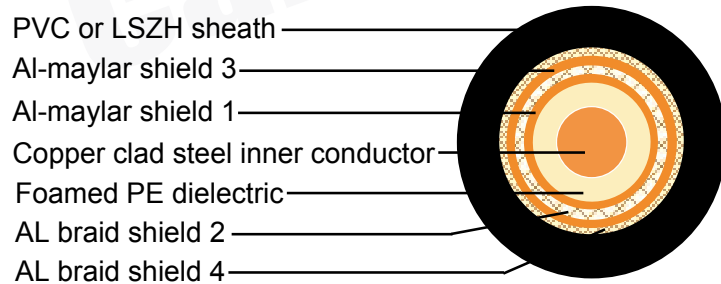
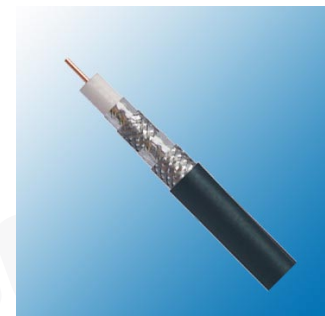
## RG 6 Quad Shield

### Construction

Inner conductor	Copper clad steel(CCS)	Φ1.02 mm
Dielectric	Foam PE	Φ4.60 ± 0.20 mm
Tape shield(shield 1)	Al-maylar	≥25%
Braid shield(shield 2)	Aluminium	80 x 0.12mm
Shield coverage		≥60%
Tape shield(shield 3)	Al-maylar	≥25%
Braid shieldr(shield 4)	Aluminium	64 x 0.12 mm
Shield coverage		≥40%
Sheath	PVC or LSZH	Φ7.55 ± 0.20 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	54 pF/m
Velocity of propagation	82%
Insulation resistance	>5000 Mohm.Km
Conductor resistance	≤ 24.1 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	59.8 Kg/Km



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.8	1.5
100	6.7	2.0
200	9.3	2.8
500	15.0	4.6
600	16.9	5.1
800	19.4	5.9
1000	21.6	6.6
1350	24.2	7.4
1750	28.0	8.4
2150	31.5	9.6
2400	32.8	10.0
3000	37.9	11.5