

# RG6 Standard

## 75 Ohm Drop Coaxial Cable



### PHYSICAL DIMENSION

	Material	Diameter(mm)
Inner Conductor	BC or CCS	1.02
Dielectric	Foamed PE	4.57
Outer Conductor	Bonded Al. Tape + Al. Wire	5.44
Jacket	PVC or PE	6.91
Jacket Wall Thickness		0.76

### ELECTRICAL PROPERTY

Capacitance (pF/m)	50±3	
Impedance(ohms)	75±3	
Velocity of Propagation	85%	
Shielding Effectiveness(≥dB)	70	
Operation Temperature(°C)	-20—+80 or -40—+80	
Return Loss	<b>Frequency</b>	<b>dB</b>
	1-470MHz	≥22dB
	470-1000MHz	≥20dB

### ATTENUATION @ 68°F (20°C)

Frequency(MHz)	≤dB/100m @20°C	Frequency(MHz)	≤dB/100m @20°C
5	1.90	400	13.61
55	5.25	450	14.43
83	6.40	500	15.09
187	9.35	550	16.08
211	10.00	600	16.73
250	10.28	750	18.54
300	11.64	865	20.01
350	12.63	1000	21.49