

# RG59 Standard

## 75 Ohm Drop Coaxial Cable



### PHYSICAL DIMENSION

	Material	Diameter(mm)
Inner Conductor	BC or CCS	0.81
Dielectric	Foamed PE	3.66
Outer Conductor	Bonded Al. Tape + Al. Wire	4.53
Jacket	PVC or PE	6.10
Jacket Wall Thickness		0.80

### 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	Frequency	dB
	1-470MHz	≥22dB
	470-1000MHz	≥20dB

### ATTENUATION @ 68°F (20°C)

Frequency(MHz)	≤dB/100m @20°C	Frequency(MHz)	≤dB/100m @20°C
5	2.82	400	16.73
55	6.73	450	17.72
83	8.04	500	18.70
187	11.81	550	19.52
211	12.47	600	20.34
250	13.45	750	22.87
300	14.60	865	24.67
350	15.75	1000	26.64