

# LQ840T

## 75 Ohm Trunk Coaxial Cable



### PHYSICAL DIMENSION

	Material	Diameter(mm)
Inner Conductor	BC or CCA	4.93
Dielectric	Foamed PE	19.81
Outer Conductor	Seamless Al. Tube	21.34
Outer Conductor Thickness		0.76
Jacket	Black PE	23.11
Jacket Wall Thickness		0.89

### ELECTRICAL PROPERTY

Capacitance(pF/m)	50 ± 3	
Impedance(ohms)	75 ± 2	
Velocity of Propagation	89%	
Shielding Effectiveness(≥dB)	110	
DC resistance of inner conductor	1.41ohms/km	
DC resistance of outer conductor	0.56ohms/km	
DC Loop Resistance	1.97ohms/km	
Return Loss	Frequency	dB
	5-1002MHz	≥30dB

### ATTENUATION @ 68°F (20°C)

Frequency(MHz)	≤dB/100m @20°C	Frequency(MHz)	≤dB/100m @20°C
5	0.30	450	3.18
55	1.05	500	3.38
211	2.13	550	3.58
250	2.30	600	3.74
300	2.53	750	4.27
350	2.76	865	4.66
400	2.99	1000	5.02