

LQ540W

75 Ohm Trunk Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
Inner Conductor	BC or CCA	3.15
Dielectric	Foamed PE	13.03
Outer Conductor	Welded Al. Tube	13.72
Outer Conductor Thickness		0.35
Jacket	Black PE	15.49
Jacket Wall Thickness		0.89

ELECTRICAL PROPERTY

Capacitance(pF/m)	50 ± 3	
Impedance(ohms)	75 ± 2	
Velocity of Propagation	88%	
Shielding Effectiveness(≥dB)	110	
DC resistance of inner conductor	3.35ohms/km	
DC resistance of outer conductor	1.93ohms/km	
DC Loop Resistance	5.28ohms/km	
Operation Temperature(°C)	-40—+80	
Return Loss	Frequency	dB
	5-1000MHz	≥28dB

ATTENUATION @ 68°F (20°C)

Frequency(MHz)	≤dB/100m @20°C	Frequency(MHz)	≤dB/100m @20°C
55	1.54	500	4.89
211	3.12	550	5.12
250	3.38	600	5.38
300	3.71	750	6.07
350	4.03	865	6.56
400	4.33	1000	7.12