

LQ565T+Messenger

75 Ohm Trunk Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
Inner Conductor	BC or CCA	3.28
Dielectric	Foamed PE	13.18
Outer Conductor	Welded Al. Tube	14.35
Thickness of Outer Conductor		0.58
Jacket	Black PE	15.88
Jacket Wall Thickness		0.76
Messenger	Steel	2.77

ATTENUATION @ 68°F (20°C)

Capacitance(pF/m)	50±3
Impedance(ohms)	75±2
Velocity of Propagation	87%
Shielding Effectiveness(≥dB)	110
DC resistance of inner conductor	3.15ohms/km
DC resistance of outer conductor	1.12ohms/km
DC Loop Resistance	4.27ohms/km
Operation Temperature(°C)	-40—+80

Return Loss	Frequency	dB
	5-1000MHz	≥30dB

ATTENUATION @ 68°F (20°C)

Frequency(MHz)	≤dB/100m @20°C	Frequency(MHz)	≤dB/100m @20°C
5	0.46	450	4.59
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	4.04	865	6.56
400	4.33	1000	7.12