

LQ625T+Messenger

75 Ohm Trunk Coaxial Cable



PHYSICAL DIMENSION

Inner Conductor	BC or CCA	3.48
Dielectric	Foamed PE	14.35
Outer Conductor	Seamless Al. Tube	15.88
Thickness of Outer Conductor		0.79
Jacket	Black PE	17.40
Jacket Wall Thickness		0.76
Messenger	Steel	2.77

ELECTRICAL PROPERTY

Capacitance(pF/m)	50±3
Impedance(ohms)	75±2
Velocity of Propagation	87%
Shielding Effectiveness(≥dB)	110
DC resistance of inner conductor	2.76ohms/km
DC resistance of outer conductor	0.85ohms/km
DC Loop Resistance	3.61ohms/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	0.43	450	4.43
55	1.48	500	4.69
211	3.02	550	4.92
250	3.28	600	5.18
300	3.54	750	5.84
350	3.87	865	6.33
400	4.17	1000	6.79