

# LK625T+Messenger

## 75 Ohm Drop Coaxial Cable



### PHYSICAL DIMENSION

	Material	Diameter(mm)
1.Inner Conductor	BC or CCA	3.48
2.Dielectric	Foamed PE	14.35
3.Outer Conductor	Welded Al. Tube	15.88
Thickness of Outer Conductor		0.79
4.Jacket	Black PE	17.40
Jacket Wall Thickness		0.76
5.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	3.60ohms/km
Operation Temperature(°C)	-40 — +80
<b>Return Loss</b>	<b>Frequency</b> <b>dB</b>
	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