

LQ500WF

75 Ohm Trunk Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
Inner Conductor	BC or CCA	2.77
Dielectric	Foamed PE	11.50
Outer Conductor	Welded Al. Tube	12.20
Outer Conductor Thickness		0.35
Flooding Compound		Jelly
Jacket	Black PE	15.00
Jacket Wall Thickness		1.30

ELECTRICAL PROPERTY

Capacitance(pF/m)	50±3				
Impedance(ohms)	75±2				
Velocity of Propagation	87%				
Shielding Effectiveness(≥dB)	110				
Operation Temperature(°C)	-40—+80				
Return Loss	<table border="1"> <thead> <tr> <th>Frequency</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>5-1000MHz</td> <td>≥28dB</td> </tr> </tbody> </table>	Frequency	dB	5-1000MHz	≥28dB
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ATTENUATION @ 68°F (20°C)

Frequency(MHz)	≤dB/100m @20°C	Frequency(MHz)	≤dB/100m @20°C
5	0.52	450	5.35
55	1.77	500	5.67
211	3.58	550	5.97
250	3.94	600	6.27
300	4.30	750	7.09
350	4.69	865	7.68
400	5.02	1000	8.27