



CA384

Construction Specification		
	Material	Diameter(mm)
1. Inner Conductor		0.91
2. Dielectric	PTFE	3.00
3. Outer Conductor		3.20
4. Overall Braid		3.55
5. Jacket	FEP	4.00

Mechanical Characteristics	
Bend Radius installation mm	20
Bend Radius repeated mm	40
Weight kg/m	0.049
Temperature Range	-55V1v5

Electrical Characteristics	
Impedance Ohms	50
Velocity of Propagation %	94
Dielectric Constant	2.04
Shielding Effectiveness (dB)	90
Time Delay ns/m	4.7
Capacitance pF/m	95
Inductance uH/m	0.27
Cutoff Frequency MHz	34
Voltage Withstand DC	1900
Peak Power Rating KW	9

Frequency (MHz)	Attenuation (dB/100m)		Frequency (MHz)	Attenuation (dB/100m)	
	Return Loss (dB)	Reflection Coefficient (S)		Return Loss (dB)	Reflection Coefficient (S)
30	6.05	1.687	5000	96.22	0.106
50	7.85	1.300	6000	107.46	0.095
100	11.22	0.910	8000	128.31	0.080
300	19.93	0.512	10000	147.61	0.069
500	26.17	0.390	12000	165.81	0.062
900	36.02	0.283	12400	169	