

CRG086

Semi-Rigid, Low-Loss,
High Temperature Resistance, Coaxial Cable



Structure & Dimension												
	Structure	Dimension (mm)		Material								
1	Inner Conductor	0.56		Silver Plated Copper								
2	Insulating	1.68		PTFE								
3	Outer Conductor	2.18		Seamless Annealed Copper Tube								
				Seamless Annealed Copper Tube Plating Ternary Alloy								
Specification												
1	Operating Frequency (GHz)			40								
2	Impedance (Ohms)			50								
3	Velocity of Propagation			76%								
4	Voltage Withstand (V,DC)			500								
5	Shielding Effectiveness (dB)			> 165								
6	Weight (g/m)			19								
7	Minimum Bend Radius (mm)			7.00								
8	Temperature Range (°C)			-55 ~ +250								
Attenuation VS. Frequency VS. Power												
Frequency (MHz)	300	500	1000	3000	6000	8000	10000	12400	18000	26500	35000	40000
Attenuation (dB/m)	0.318	0.411	0.583	1.018	1.449	1.680	1.884	2.106	2.555	3.128	3.622	3.887
Average Power (KW)	0.475	0.367	0.259	0.148	0.104	0.090	0.080	0.072	0.059	0.048	0.042	0.039