

# CRM086

Semi-Rigid, Ultra Low-Loss, High Temperature Resistance,  
Phase & Amplitude Stable Coaxial Cable



Structure & Dimension											
	Structure	Dimension (mm)	Material								
1	Inner Conductor	0.59	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	Stable Phase	< 750PPM@-45°C ~ +85°C									
4	Velocity of Propagation	81%									
5	Voltage Withstand (V,DC)	500									
6	Shielding Effectiveness (dB)	> 165									
7	Weight (g/m)	19									
8	Minimum Bend Radius (mm)	7.00									
9	Temperature Range (°C )	-55 ~ +250									
Attenuation VS. Frequency VS. Power											
Frequency (MHz)	300	500	1000	3000	6000	8000	12400	18000	26500	35000	40000
Attenuation (dB/m)	0.293	0.384	0.545	0.951	1.355	1.571	1.969	2.389	2.924	3.386	3.634
Average Power (KW)	0.480	0.370	0.260	0.150	0.100	0.090	0.070	0.060	0.048	0.042	0.039