

CRM141

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



Structure & Dimension											
	Structure	Dimension (mm)	Material								
1	Inner Conductor	1.05	Silver Plated Copper								
2	Insulating	3.00	PTFE								
3	Outer Conductor	3.58	Seamless Annealed Copper Tube								
			Seamless Annealed Copper Tube Plating Ternary Alloy								
Specification											
1	Operating Frequency (GHz)	26.5									
2	Impedance (Ohms)	50									
3	Stable Phase	< 750PPM@-45°C ~ +85°C									
4	Velocity of Propagation	81%									
5	Voltage Withstand (V,DC)	1000									
6	Shielding Effectiveness (dB)	> 165									
7	Weight (g/m)	45									
8	Minimum Bend Radius (mm)	13.50									
9	Temperature Range (°C)	-55 ~ +250									
Attenuation VS. Frequency VS. Power											
Frequency (MHz)	300	500	1000	3000	6000	8000	9000	10000	12400	18000	26500
Attenuation (dB/m)	0.168	0.217	0.308	0.540	0.771	0.895	0.951	1.005	1.125	1.369	1.681
Average Power (KW)	1.073	0.829	0.584	0.334	0.233	0.201	0.189	0.179	0.160	0.132	0.107