

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



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