

CRE250DS

Semi-Rigid,
Cost-Effective RF Coaxial Cable
Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	1.63	Silver Plated Copper
2	Insulating	5.31	PTFE
3	Outer Conductor	6.35	Seamless Annealed Copper Tube Plating Ternary Alloy

Specification

1	Operating Frequency(GHz)	10
2	Impedance(Ohms)	50
3	Velocity of Propagation	70%
4	Voltage Withstand (Vrms@1min)	2000
5	Shielding Effectiveness(dB)	≥110
6	Weight(g/m)	150
7	Single Bend Radius(mm)	30.00
8	Temperature Range(°C)	-55~+125

Attenuation (Typical@25°C & VSWR=1.0) VS. Frequency VS. Power (VSWR=1.0; 40°C; Sea Level)

Frequency (MHz)	500	1000	2000	3000	5000	10000
Attenuation (dB/m)	0.161	0.228	0.368	0.477	0.583	0.889
Average Power (KW)	1.061	0.728	0.590	0.490	0.290	0.190



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