

CRE141DS

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



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.92	Silver Plated Copper
2	Insulating	3.00	PTFE
3	Outer Conductor	3.58	Seamless Annealed Copper Tube Plating Ternary Alloy

Specification

1	Operating Frequency(GHz)	20
2	Impedance(Ohms)	50
3	Velocity of Propagation	70%
4	Voltage Withstand (Vrms@1min)	2000
5	Shielding Effectiveness(dB)	≥110
6	Weight(g/m)	47
7	Single Bend Radius(mm)	15.00
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	5000	10000	20000
Attenuation (dB/m)	0.262	0.377	0.913	1.366	2.093
Average Power (KW)	0.484	0.336	0.140	0.095	0.063



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