

CRE047UMDS

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



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.29	Silver Plated Copper Clad Steel
2	Insulating	0.92	PTFE
3	Outer Conductor	1.19	Seamless Annealed Copper Tube Plating Ternary Alloy

Specification

1	Operating Frequency(GHz)	40
2	Impedance(Ohms)	50
3	Velocity of Propagation	70%
4	Voltage Withstand (Vrms@1min)	1500
5	Shielding Effectiveness(dB)	≥110
6	Weight(g/m)	5
7	Single Bend Radius(mm)	5.00
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	26500	40000
Attenuation (dB/m)	0.788	1.129	2.592	3.737	5.443	6.552	8.373
Average Power (KW)	0.067	0.047	0.021	0.014	0.010	0.007	0.003



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