

CMG086U

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



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.53	Silver Plated Copper
2	Insulating	1.68	PTFE
3	Outer Conductor	2.17	Tinned Copper Braid

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)	≥100
6	Weight(g/m)	16
7	Single Bend Radius(mm)	6.00
8	Temperature Range(℃)	-65~+150

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

Frequency (MHz)	500	1000	2000	3000	5000	8000	10000	15000	18000	26500	40000
Attenuation (dB/m)	0.491	0.723	1.069	1.344	1.802	2.361	2.668	3.372	3.733	4.882	6.331
Average Power (KW)	0.338	0.219	0.142	0.110	0.080	0.060	0.052	0.040	0.036	0.018	0.011



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