

CMG047U

Semi-Flex, Low-Loss Coaxial Cable



Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	0.29	Silver Plated Copper/Silver Plated Copper Clad Steel
2	Insulating	0.94	PTFE
3	Outer Conductor	1.19	Tinned Copper Braid

Specification			
1	Operating Frequency (GHz)		40
2	Impedance (Ohms)		50
3	Velocity of Propagation		70%
4	Time Delay (ns/m)		4.7
5	Capacitance (pF/m)		95
6	Voltage withstand(V,DC)		1500
7	Shielding Effectiveness(dB)		>100
8	Single Bend Radius(mm)		4.00
9	Reapted Bend Radius(mm)		20.00
10	Temperature Range(°C)		-55~+125

Attenuation VS. Frequency VS. Power									
Frequency (MHz)	500	1000	3000	5000	10000	18000	20000	30000	40000
Attenuation (dB/m)	0.832	1.244	2.213	2.968	4.312	6.035	6.667	9.015	11.065
Average Power (KW)	0.046	0.031	0.018	0.013	0.009	0.007	0.006	0.004	0.002