

## CMG086U

Semi-Flex, Low-Loss Coaxial Cable



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	Time Delay (ns/m)		4.7						
5	Capacitance (pF/m)		95						
6	Voltage withstand(V,DC)		1900						
7	Shielding Effectiveness(dB)		>100						
8	Single Bend Radius(mm)		8.00						
9	Temperature Range(°C)		-55~+150						
Attenuation VS. Frequency VS. Power									
Frequency (MHz)	500	1000	5000	10000	18000	20000	26500	40000	
Attenuation (dB/m)	0.262	0.391	0.922	1.383	2.050	2.130	4.882	6.331	
Average Power (KW)	0.237	0.163	0.065	0.085	0.061	0.053	0.018	0.011	