

CMG141

Semi-Flex, Low-Loss Coaxial Cable



Structure & Dimension									
	Structure			Dimension (mm)		Material			
1	Inner Conductor			0.94		Silver Plated Copper/Silver Plated Copper Clad Steel			
2	Insulating			2.92		PTFE			
3	Outer Conductor			3.55		Tinned Copper Braid			
Specification									
1	Operating Frequency (GHz)					20			
2	Impedance (Ohms)					50			
3	Velocity of Propagation					70%			
4	Time Delay (ns/m)					4.7			
5	Capacitance (pF/m)					98			
6	Voltage withstand(V,DC)					1900			
7	Shielding Effectiveness(dB)					>100			
8	Single Bend Radius(mm)					8.00			
9	Temperature Range(°C)					-55~+125			
Attenuation VS. Frequency VS. Power									
Frequency (MHz)	500	1000	2000	3000	5000	8000	10000	15000	20000
Attenuation (dB/m)	0.250	0.390	0.540	0.620	0.920	1.150	1.370	1.790	2.100
Average Power (KW)	0.790	0.526	0.351	0.277	0.205	0.156	0.137	0.108	0.086