

CMG141U

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)		26.5						
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	8000	10000	15000	20000	26500
Attenuation (dB/m)	0.250	0.390	0.540	0.620	1.150	1.370	1.790	2.100	3.075
Average Power (KW)	0.790	0.526	0.351	0.277	0.156	0.137	0.108	0.086	0.045