

CMG160

Semi-Flex, Low-Loss Coaxial Cable



Structure & Dimension							
	Structure	Dimension (mm)	Material				
1	Inner Conductor	1.08	Silver Plated Copper/Silver Plated Copper Clad Steel				
2	Insulating	3.50	PTFE				
3	Outer Conductor	4.10	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)		95				
6	Voltage withstand(V,DC)		2100				
7	Shielding Effectiveness(dB)		>100				
8	Single Bend Radius(mm)		10.00				
9	Temperature Range(°C)		-55~+125				
Attenuation VS. Frequency VS. Power							
Frequency (MHz)	500	1000	5000	10000	18000	20000	
Attenuation (dB/m)	0.231	0.358	0.889	1.330	1.912	1.947	
Average Power (KW)	0.657	0.412	0.180	0.125	0.093	0.086	