

CMG047F

Semi-Flex, Low-Loss, Optional FEP Jacket,
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
4	Jacket	1.65	FEP

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)	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~+200

Attenuation VS. Frequency VS. Power

Frequency (MHz)	500	1000	5000	10000	18000	20000
Attenuation (dB/m)	0.821	1.176	2.687	4.203	5.564	5.779
Average Power (KW)	0.062	0.044	0.019	0.013	0.010	0.009



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