

CMG250F/CMG250L/CMG250V

Semi-Flex, Low-Loss, Optional FEP & LSOH & PVC Jacket,

Coaxial Cable



Structure & Dimension

Structure	Part No.	Dimension (mm)	Material
1 Inner Conductor		1.63	Silver Plated Copper/Silver Plated Copper Clad Steel
2 Insulating		5.31	PTFE
3 Outer Conductor		6.20	Tinned Copper Braid
4 Jacket	CMG250F		FEP
	CMG250L	7.00	LSOH
	CMG250V		PVC

Specification

1	Operating Frequency (GHz)	18
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)	3500
7	Shielding Effectiveness (dB)	> 100
8	Single Bend Radius (mm)	30.00
9	Repeated Bend Radius (mm)	120.00
		-55~+125 (FEP Jacket)
10	Temperature Range (°C)	-40~+80 (LSOH Jacket)
		-25~+70 (PVC Jacket)

Attenuation VS. Frequency VS. Power

Frequency (MHz)	500	1000	5000	10000	18000
Attenuation (dB/m)	0.168	0.252	0.631	0.978	1.421
Average Power (KW)	1.390	0.954	0.387	0.245	0.196



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