

CMG141F/CMG141L/CMG141V

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



Structure & Dimension

Structure	Part No.	Dimension (mm)	Material
1 Inner Conductor		0.93	Silver Plated Copper/Silver Plated Copper Clad Steel
2 Insulating		2.98	PTFE
3 Outer Conductor		3.52	Tinned Copper Braid
	CMG141F	4.10	FEP
4 Jacket	CMG141L	4.25	LSOH
	CMG086V	4.25	PVC

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)	1900
7	Shielding Effectiveness (dB)	>100
8	Single Bend Radius (mm)	8.00
9	Repeated Bend Radius (mm)	40.00
		-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	20000
Attenuation (dB/m)	0.262	0.391	0.922	1.383	2.050	2.080
Average Power (KW)	0.437	0.303	0.127	0.086	0.063	0.057



Add: 569 Huaxu Road, Qingpu Shanghai, P.R. China

Email: sales@mechanc.com

Tel: +86-021-54667179

Web: www.mechanc.com