

CMG250

Semi-Flexible,
Cost-Effective RF Coaxial Cable
Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	1.65	Silver Plated Copper
2	Insulating	5.25	PTFE
3	Outer Conductor	6.30	Tinned Copper Braid

Specification

1	Operating Frequency(GHz)	18
2	Impedance(Ohms)	50
3	Velocity of Propagation	70%
4	Voltage Withstand (Vrms@1min)	3000
5	Shielding Effectiveness(dB)	≥100
6	Weight(g/m)	127
7	Single Bend Radius(mm)	30.00
8	Temperature Range(℃)	-65~+150

Attenuation (Typical@25°C & VSWR=1.0) VS. Frequency VS. Power (VSWR=1.0; 40°C; Sea Level)

Frequency (MHz)	500	1000	2000	3000	5000	10000	18000
Attenuation (dB/m)	0.157	0.238	0.373	0.479	0.652	0.991	1.422
Average Power (KW)	1.831	1.188	0.771	0.598	0.435	0.282	0.196



ADD: No. 299 Songqiu Rd,Shanghai China

TEL: +86-021-5466 7179 (+86 150 0036 1136)

WEB: www.mechanc.com

MAIL: hgh@mechanc.com