

CRG250DS

Semi-Rigid,
Low-Loss, High Temperature Resistance RF Coaxial Cable
Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	1.78	Silver Plated Copper
2	Insulating	5.33	LD-PTFE
3	Outer Conductor	6.35	Seamless Annealed Copper Tube Plating Ternary Alloy

Specification

1	Operating Frequency(GHz)	10
2	Impedance(Ohms)	50
3	Velocity of Propagation	76%
4	Voltage Withstand (Vrms@1min)	2200
5	Shielding Effectiveness(dB)	≥165
6	Weight(g/m)	136
7	Single Bend Radius(mm)	32.00
8	Temperature Range(°C)	-55~+250

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

Frequency (MHz)	1000	2000	3000	6000	8000	10000
Attenuation (dB/m)	0.183	0.262	0.324	0.470	0.549	0.621
Average Power (KW)	1.455	1.014	0.819	0.566	0.484	0.428

$K1=0.5576000$ $K2=0.0006300$

Calculate Attenuation = $K1*\sqrt{FMHz}+K2*FMHz$



ADD: No. 299 Songqiu Rd,Shanghai China

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

WEB: www.mechanc.com

MAIL: hgh@mechanc.com