

CRM086UDS

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



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.59	Silver Plated Copper
2	Insulating	1.68	LD-PTFE
3	Outer Conductor	2.18	Seamless Annealed Copper Tube Plating Ternary Alloy

Specification

1	Operating Frequency(GHz)	40
2	Impedance(Ohms)	50
3	Velocity of Propagation	81%
4	Voltage Withstand (Vrms@1min)	500
5	Shielding Effectiveness(dB)	≥165
6	Weight(g/m)	21
7	Single Bend Radius(mm)	7.00
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	12400	18000	26500	40000
Attenuation (dB/m)	0.545	0.774	0.951	1.355	1.571	1.762	1.969	2.389	2.924	3.634
Average Power (KW)	0.259	0.182	0.148	0.104	0.090	0.080	0.072	0.059	0.048	0.039

$K1=1.7068100$ $K2=0.0005500$

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