

CRT086

Semi-Rigid,
Resistant to Extremely Low Temperatures RF Coaxial Cable
Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.56	Silver Plated Copper-Nickel Alloy
2	Insulating	1.63	PTFE
3	Outer Conductor	2.15	Copper-Nickel Alloy Tube

Specification

1	Operating Frequency(GHz)	18
2	Impedance(Ohms)	50
3	Velocity of Propagation	77%
4	Voltage Withstand (Vrms@1min)	1000
5	Shielding Effectiveness(dB)	≥165
6	Weight(g/m)	20
7	Single Bend Radius(mm)	4.30
8	Temperature Range(℃)	-268~+150

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

Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	16000	18000
Attenuation (dB/m)	1.152	1.632	2.001	2.840	3.285	3.678	4.103	4.671	4.960
Average Power (KW)	0.102	0.072	0.059	0.041	0.036	0.032	0.029	0.025	0.024
K1=3.6243000					K2=0.0005400				
Calculate Attenuation = K1*√FMHz+K2*FMHz									



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