

Coaxial Fixed Attenuator

N Female&Male/DC-6GHz

Model:RA50A1000-N-6

RA50A1000-N-6 is a 50 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 6 GHz.

Features:

- Operating Frequency DC to 6GHz
- Broadband Coverage
- Lost Cost

Applications:

- Test Lab
- Instrumentations
- System Integration



电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		6	GHz
衰减范围 Attenuation Range		50±2		dB
驻波 VSWR@DC~4GHz			1.35	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating	1000 Watts Average at 25°C PEAK: 5000 Watts(5 μs pulse width, 10% duty cycle)			

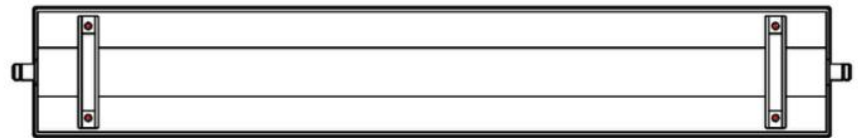
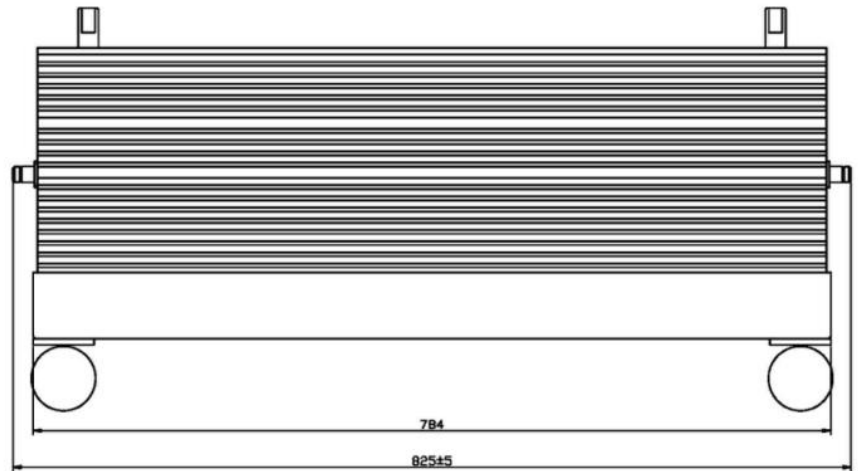
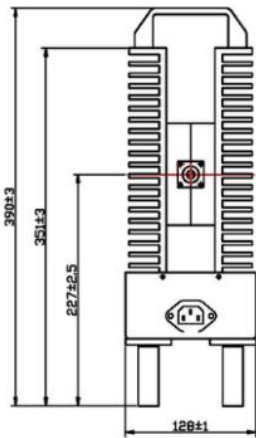
*Note: Average power linearly decreases to 100W when temperature rises to 125°C.

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-55 To +125	°C
壳体材质 Body Material	Aluminum,black	
连接器材质 Connector Material	Nickel plated brass	
内导体 Inner Conductor	Male:gold plated brass Female:gold plated beryllium bronze	
输入/输出接口 Input/Output Connectors	N Male/Female	
尺寸 Size	784*390*128	mm

外形图 Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description
RA50A1000-N-6	Coaxial Fixed Attenuator, DC-6GHz, 50±2dB Attenuation