

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



Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Attenuation Range		50±2		dB
VSWR@DC~4GHz			1.35	:1
Impedance		50		Ohms
RF Power Rating	1000 Watts Average at 25°C PEAK: 5000 Watts(5 μs pulse width, 10% duty cycle)			

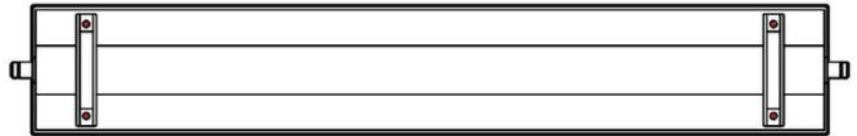
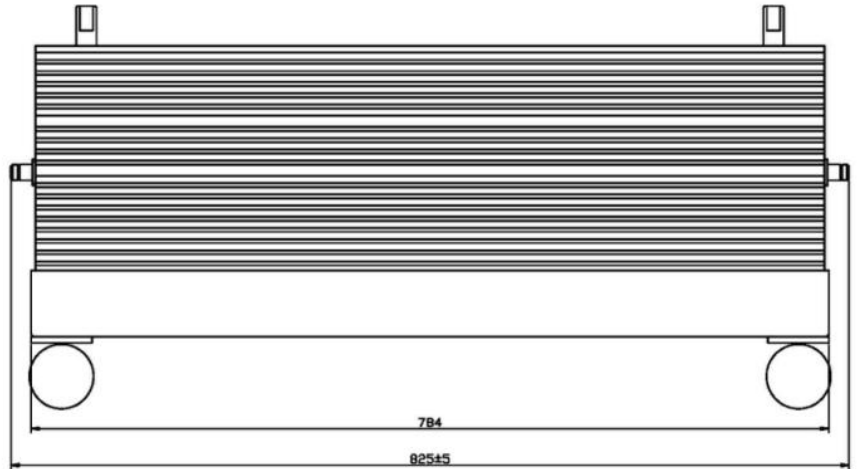
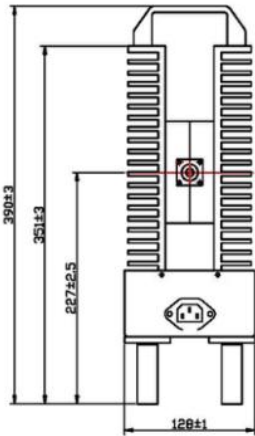
*Note: Average power linearly decreases to 100W when temperature rises to 125°C.

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Body Material	Aluminum,black	
Connector Material	Nickel plated brass	
Inner Conductor	Male:gold plated brass Female:gold plated beryllium bronze	
Input/Output Connectors	N Male/Female	
Size	784*390*128	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

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