

Coaxial Fixed Attenuator

SMA Female&Male/DC-12.4GHz

Model:RAXXA100-S-12.4

RAXXA100-S-12.4 is a 10/20/30/40/50 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 12.4 GHz.

Features:

- Operating Frequency DC to 12.4GHz
- Broadband Coverage
- Lost Cost

Applications:

- Test Lab
- Instrumentations
- System Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz
Attenuation Range		10(-2/+1)		dB
		20(-2/+1)		
		30(-1/+0.7)		
		40(-1/+0.5)		
		50(-0.5/+1.5)		
VSWR			1.35	:1
Impedance		50		Ohms
RF Power Rating	100 Watts Average at 25°C PEAK: 1000 Watts(5 μs pulse width, 10% duty cycle)			

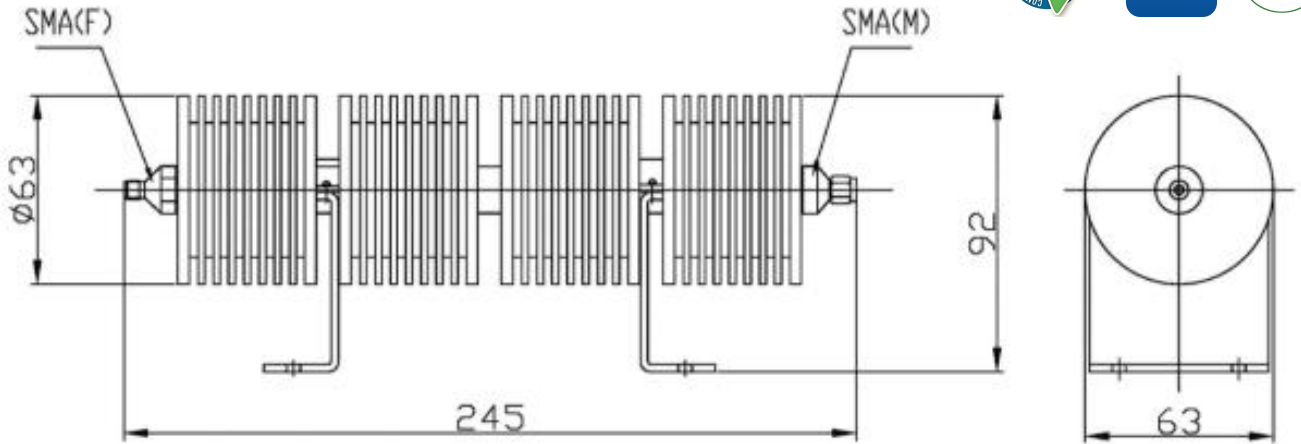
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-55 To +125	°C
Body Material	Aluminum,black	
Connector Material	Nickel plated brass	
Inner Conductor	Beryllium copper,gold plated	
Connectors	SMA Female/SMA Male	
Size	Ø63×92×245	mm

Outline Drawing:

Unit:mm

Regulatory Compliance:



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

Ordering Information:

Base Number	Description
RA10A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,-2/+1dB Attenuation
RA20A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,-2/+1dB Attenuation
RA30A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,-1/+0.7dB Attenuation
RA40A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,-1/+0.5dB Attenuation
RA50A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,-0.5/+1.5dB Attenuation