

Coaxial Fixed Attenuator

SMA Female&Male/DC-12.4GHz

Model:RAXXA25-S-12.4

RAXXA25-S-12.4 is a 10/20/30/40 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±0.5		dB
			20±0.8		
			30±0.8		
			40±0.8		
VSWR	@DC-8GHz			1.2	:1
	@8-12.4GHz			1.25	
Impedance			50		Ohms
RF Power Rating		25 Watts Average at 25°C PEAK: 1000 Watts(5 μs pulse width, 2.5% duty cycle)			

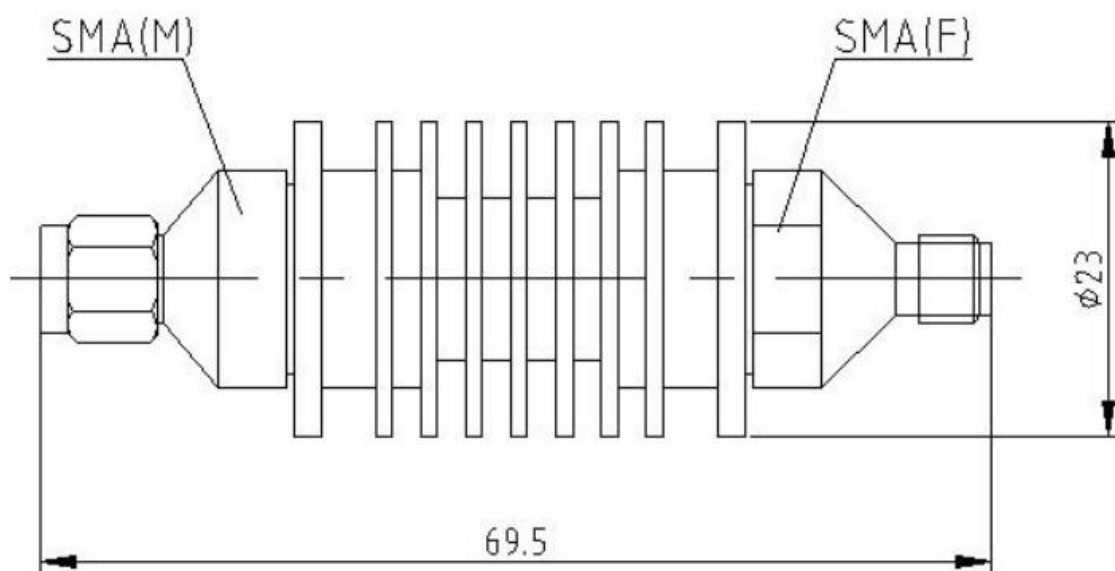
Envrionmental And Physical Characteristics:

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	Ø23×69.5	mm

Outline Drawing:

Unit:mm

Regulatory Compliance:



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

Ordering Information:

Base Number	Description
RA10A25-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,10±0.5dB Attenuation
RA20A25-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,20±0.8dB Attenuation
RA30A25-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,30±0.8dB Attenuation
RA40A25-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz,40±0.8dB Attenuation