

Coaxial Fixed Attenuator

SMA Female&Male/DC-18GHz

Model:RAXXA30-S-18

RAXXA30-S-18 is a 3/6/10/20/30/40 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 18 GHz.

Features:

- Operating Frequency DC to 18GHz
- Broadband Coverage
- Lost Cost

Applications:

- Test Lab
- Instrumentations
- System Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
Attenuation Range		3±1		dB
		6±1		dB
		10±1		dB
		20±1		dB
		30±1.2		
		40±1.2		
VSWR			1.45	:1
Impedance		50		Ohms
RF Power Rating	30 Watts Average at 25°C PEAK: 1K Watts(5 μs pulse width, 3% duty cycle)			

*Note: Average power linearly decreases to 3W when temperature rises to 125°C.

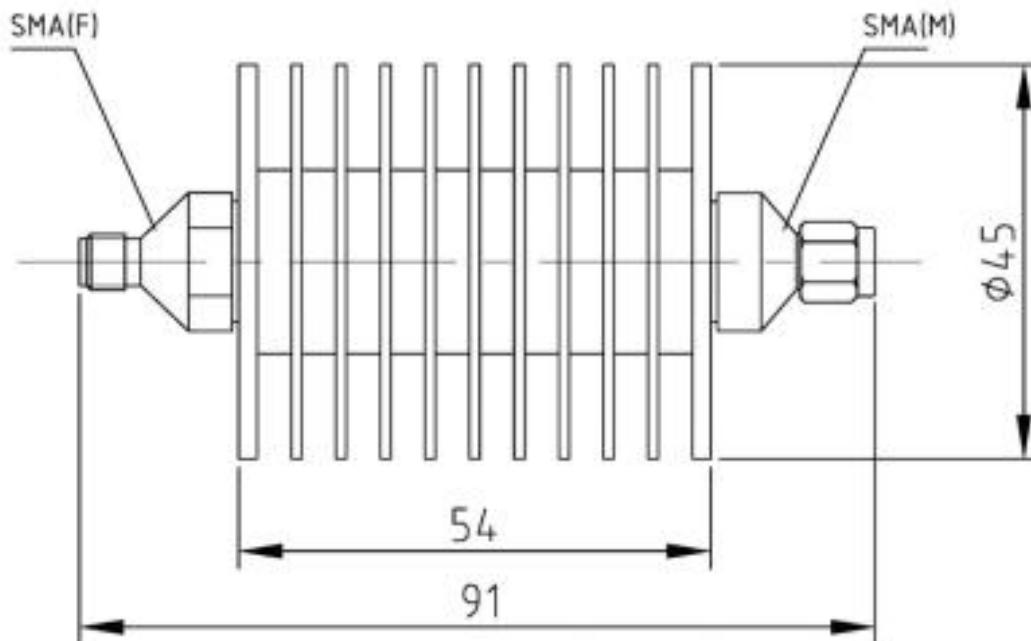
Envrionmental And Physical Characteristics:

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	
Connectors	SMA Female/Male	
Size	Ø45×99(Outer diameter can be customized)	mm
Weight	160	g

Outline Drawing:

Unit:mm

Regulatory Compliance:



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

Ordering Information:

Base Number	Description
RA03A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,3±1dB Attenuation
RA06A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,6±1dB Attenuation
RA10A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,10±1dB Attenuation
RA20A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,20±1dB Attenuation
RA30A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,30±1.2dB Attenuation
RA40A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,40±1.2dB Attenuation