

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

电气特性 Electrical Characteristics:

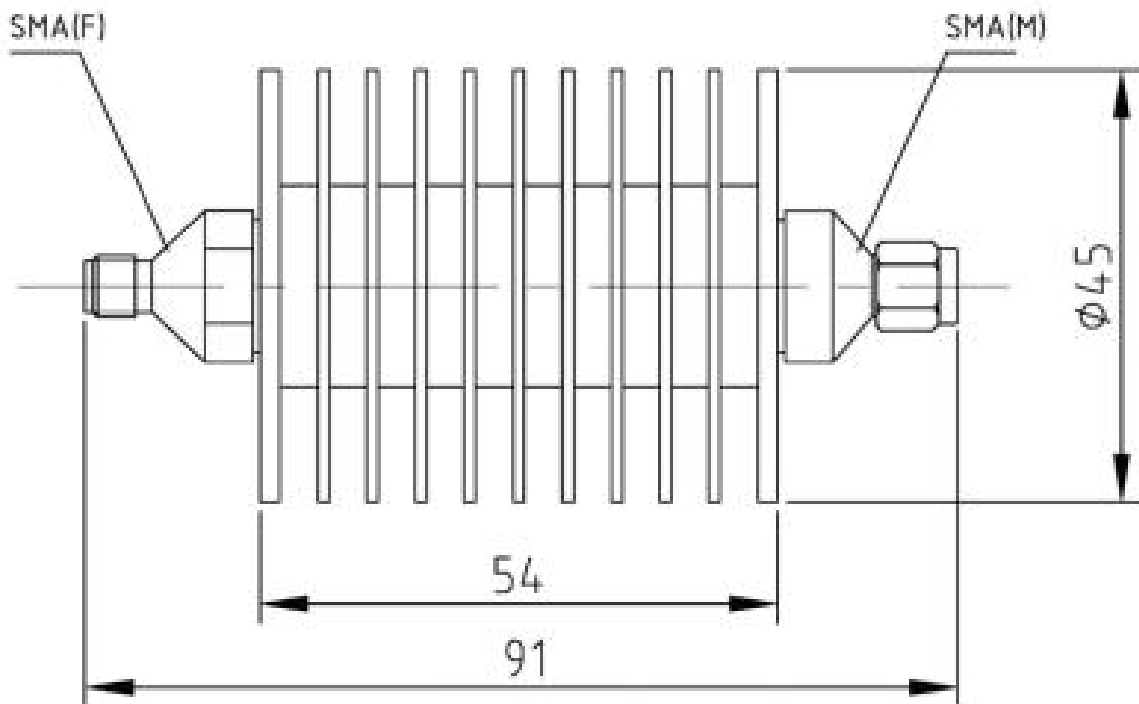
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		18	GHz
衰减范围 Attenuation Range		3±1		dB
		6±1		dB
		10±1		dB
		20±1		dB
		30±1.2		
		40±1.2		
驻波 VSWR			1.45	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating	30 Watts Average at 25°C PEAK: 1K Watts(5 μs pulse width, 3% duty cycle)			

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

环境和机械特性 Envriental 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	
接口 Connectors	SMA Female/Male	
尺寸 Size	Ø45×99(Outer diameter can be customized)	mm
重量 Weight	160	g

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