

Coaxial Fixed Attenuator SMA Female&Male/DC-18GHz

Model: TAXXA30-S-18

TAXXA30-S-18 is a 3/10/20/30/40 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±1.5		dB
		10±1.5		dB
		20±1.2		dB
		30±1.2		dB
		40±1.2		dB
VSWR			1.3	:1
Impedance		50		Ohms
RF Power Rating	30 Watts Average at 25°C PEAK: 200 Watts(5 μs pulse width, 10% duty cycle)			

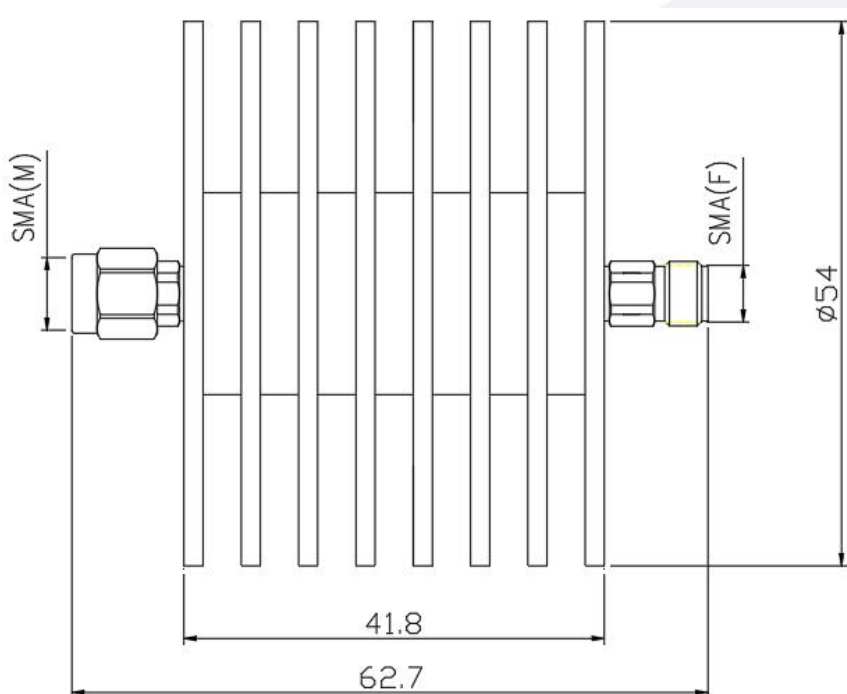
*Note: Average power linearly decreases to 3W when temperature rises to 125°C.

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Body Material	Aluminum,black	
Connector Material	Stainless Steel Passivation	
Inner Conductor	Male:gold plated brass Female:gold plated beryllium bronze	
Connectors	SMA Female/Male	
Insulators	PTFE	
Size	Ø54×62.7	mm
Weight	115	g

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

Ordering Information:

Base Number	Description
TA03A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,3±1.5dB Attenuation
TA10A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,10±1.5dB Attenuation
TA20A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,20±1.2dB Attenuation
TA30A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,30±1.2dB Attenuation
TA40A30-S-18	Coaxial Fixed Attenuator, DC-18GHz,40±1.2dB Attenuation