

## Coaxial Fixed Attenuator

### SMA Female&Male/DC-18GHz

Model:TAXXA50-S-18

TAXXA50-S-18 is a 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:

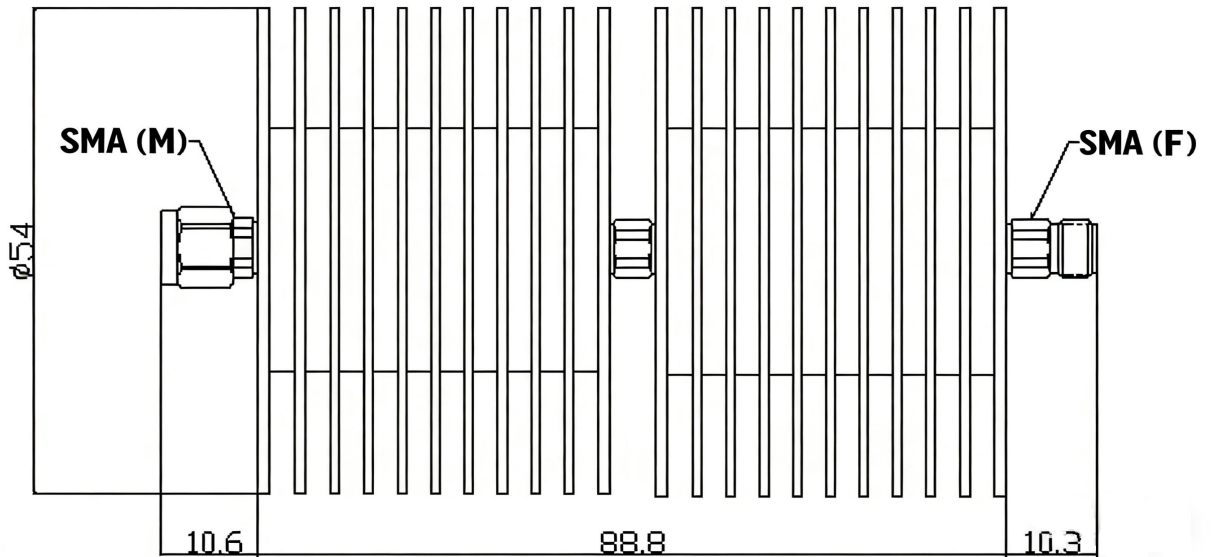
Parameter	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
Attenuation Range		10 ±1.2		dB
		20 ±1.2		dB
		30 ±1.2		dB
		40 ±1.2		dB
VSWR			1.3	:1
Impedance		50		Ohms
RF Power Rating	50 Watts Average at 25°C PEAK: 200 Watts(5 μs pulse width, 10% duty cycle)			

#### Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Body Material	Black, finned aluminum	
Connector Material	Passivated stainless steel or brass, gold plated	
Inner Conductor	Gold plated beryllium copper	
Insulators	PTFE	
Connectors	SMA Female/Male	
Size	ø54*109.7	mm

Outline Drawing:

Unit:mm



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

### Ordering Information:

Base Number	Description
TA10A50-S-18	Coaxial Fixed Attenuator, DC-18GHz,10 ±1.2dB Attenuation
TA20A50-S-18	Coaxial Fixed Attenuator, DC-18GHz,20 ±1.2dB Attenuation
TA30A50-S-18	Coaxial Fixed Attenuator, DC-18GHz,30 ±1.2dB Attenuation
TA40A50-S-18	Coaxial Fixed Attenuator, DC-18GHz,40 ±1.2dB Attenuation