

Coaxial Fixed Attenuator

SMA Female&Male/DC-18GHz

Model:TAXXA100-S-18

TAXXA100-S-18 is a 3/6/10/20/30/40dB 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/+3.5)		dB
		6(-1.5/+3.5)		
		10(-2.5/+3.5)		
		20(-2.0/+2.5)		
		30(-1.5/+2.5)		
		40(-1.5/+2.5)		
VSWR			1.45	:1
Impedance		50		Ohms
RF Power Rating	100Watts Average at 25°C PEAK: 1000Watts(5 μsPulse Width , 1% Duty Cycle)			

Envrionmental And Physical Characteristics:

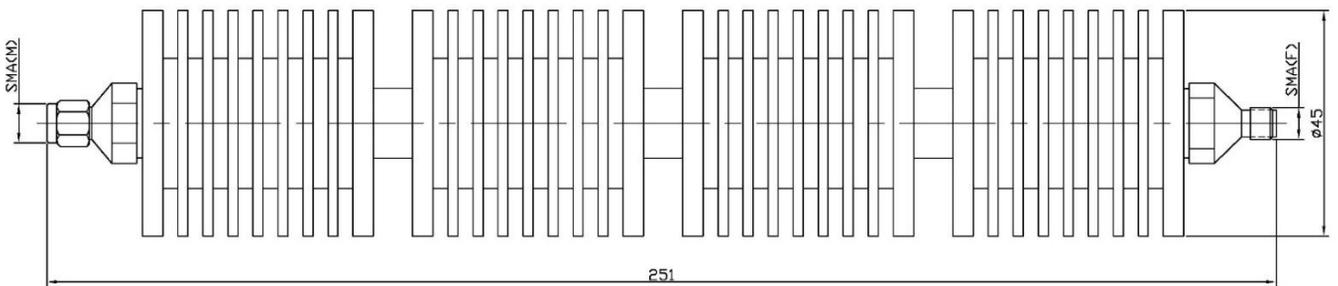
Description	Parameter	Units
Body Material	Black, finned aluminum	
Connector Material	Brass, nickel plated	
Inner Conductor	Gold-plated, phosphor bronze	
Connectors	SMA Female/Male	

Environmental And Physical Characteristics:

Description	Parameter	Units
Size	∅45×251	mm
Weight	450	g

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description
TA03A100-S-18	Coaxial Fixed Attenuator, DC-18GHz, -1.5/+3.5dB Attenuation
TA06A100-S-18	Coaxial Fixed Attenuator, DC-18GHz, -1.5/+3.5dB Attenuation
TA10A100-S-18	Coaxial Fixed Attenuator, DC-18GHz, -2.5/+3.5dB Attenuation
TA20A100-S-18	Coaxial Fixed Attenuator, DC-18GHz, -2.0/+2.5dB Attenuation
TA30A100-S-18	Coaxial Fixed Attenuator, DC-18GHz, -1.5/+2.5dB Attenuation
TA40A100-S-18	Coaxial Fixed Attenuator, DC-18GHz, -1.5/+2.5dB Attenuation