

## Coaxial Fixed Attenuator

### SMA Female&Male/DC-12.4GHz

**Model:TAXXA100-S-12.4**

TAXXA100-S-12.4 is a 3/6/10/20/30/40 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 12.4 GHz.

#### Features:

- Operating Frequency DC to 12.4GHz
- Broadband Coverage
- Lost Cost

#### Applications:

- Test Lab
- Instrumentations
- System Integration

#### Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz
Attenuation Range		3(-1.5/+2.5)		dB
		6(-1.5/+2.5)		dB
		10(-2.0/+2.5)		dB
		20(-1.5/+2.0)		dB
		30(-1.2/+2.0)		dB
		40(-1.2/+2.0)		dB
VSWR			1.35	:1
Impedance		50		Ohms
RF Power Rating	100 Watts Average at 25°C			

#### Environmental And Physical Characteristics:

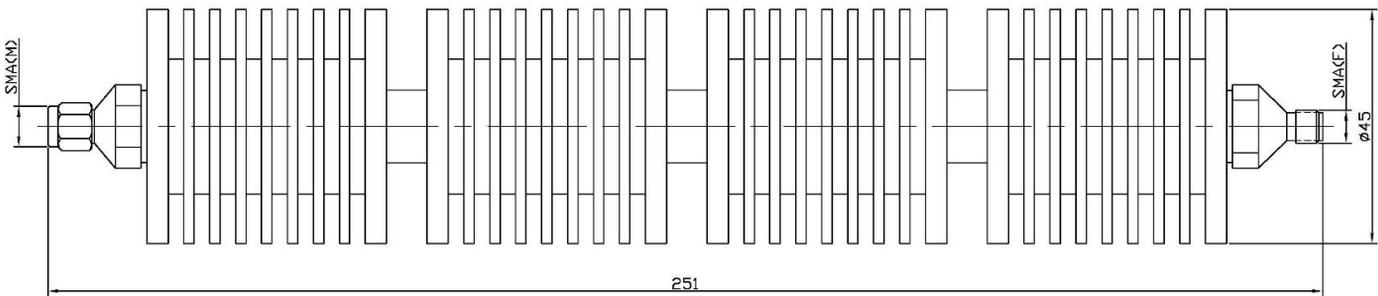
Description	Parameter	Units
Body Material	Black, finned aluminum	
Connector Material	Nickel plated brass	
Inner Conductor	Gold-plated, Phosphor bronze	
Connectors	SMA Female/Male	

### Environmental And Physical Characteristics:

Description	Parameter	Units
Size	∅45×251	mm
Weight	790	g

### Outline Drawing:

Unit:mm



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

### Ordering Information:

Base Number	Description
TA03A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz, 3(-1.5/+2.5)dB Attenuation
TA06A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz, 6(-1.5/+2.5)dB Attenuation
TA10A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz, 10(-2.0/+2.5)dB Attenuation
TA20A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz, 20(-1.5/+2.0)dB Attenuation
TA30A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz, 30(-1.2/+2.0)dB Attenuation
TA40A100-S-12.4	Coaxial Fixed Attenuator, DC-12.4GHz, 40(-1.2/+2.0)dB Attenuation