

Coaxial Fixed Attenuator

N Female&Male/DC-6GHz

Model:TAXXA300-N-6-BI

TAXXA300-N-6-BI is a 10/20/30/40/50/60 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 6 GHz.

Features:

- Operating Frequency DC to 6GHz
- Broadband Coverage
- Lost Cost

Applications:

- Test Lab
- Instrumentations
- System Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Attenuation Range		10±2		dB
		20±3.5		dB
		30±1.8		dB
		40±1.8		dB
		50±1.5		dB
		60±1.5		dB
VSWR			1.3	:1
Impedance		50		Ohms
RF Power Rating	Forward: 300 Watts; Reverse: 300 Watts at 25°C PEAK: 5000 Watts(5 μs pulse width, 2% duty cycle)			

*Note: Average power linearly decreases to 30W/30W when temperature rises to 125°C.

Envrionmental And Physical Characteristics:

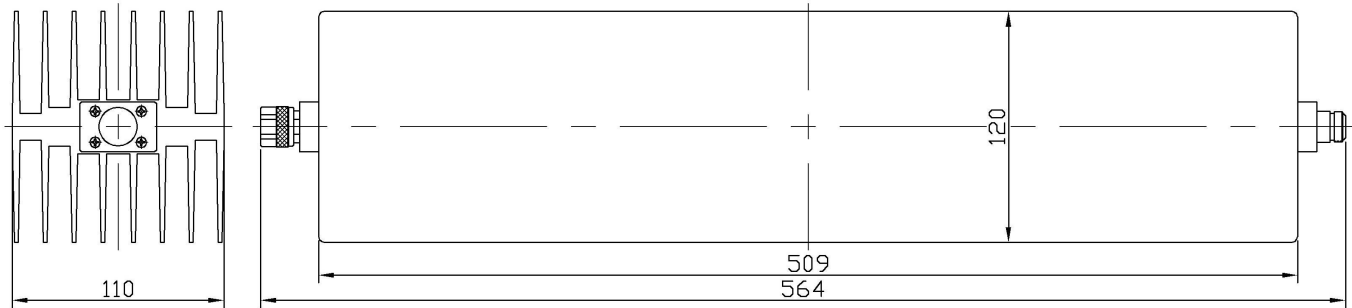
Description	Parameter	Units
Operating Temperature	-55 to +100	°C
Non-operating Temperature	-55 to +125	°C
Body Material	Aluminum,black	
Connector Material	Nickel plated brass	

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Inner Conductor	Male:gold plated phosphor bronze Female:gold plated phosphor bronze	
Connectors	N Female/Male	
Size	564×120×110	mm
Weight	7	Kg

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description
TA10A300-N-6-BI	Coaxial Fixed Attenuator, DC-6GHz,10±2dB Attenuation
TA20A300-N-6-BI	Coaxial Fixed Attenuator, DC-6GHz,20±3.5dB Attenuation
TA30A300-N-6-BI	Coaxial Fixed Attenuator, DC-6GHz,30±1.8dB Attenuation
TA40A300-N-6-BI	Coaxial Fixed Attenuator, DC-6GHz,40±1.8dB Attenuation
TA50A300-N-6-BI	Coaxial Fixed Attenuator, DC-6GHz,50±1.5dB Attenuation
TA60A300-N-6-BI	Coaxial Fixed Attenuator, DC-6GHz,60±1.5dB Attenuation