

Coaxial Fixed Attenuator

N Female&Male/DC-4GHz

Model:TAXXA300-N-4-BI

TAXXA300-N-4-BI is a 10/20/30/40/50/60 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 4 GHz.

Features:

- Operating Frequency DC to 4GHz
- Broadband Coverage
- Lost Cost

Applications:

- Test Lab
- Instrumentations
- System Integration

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		4	GHz
衰减范围 Attenuation Range		10±1.2		dB
		20±2.5		dB
		30±1.5		dB
		40±1.5		dB
		50±1.5		dB
		60±1.5		dB
驻波 VSWR			1.25	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating	Forward: 300 Watts; Reverse: 300 Watts at 25°C PEAK: 1000 Watts(5 μs pulse width, 2% duty cycle)			

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

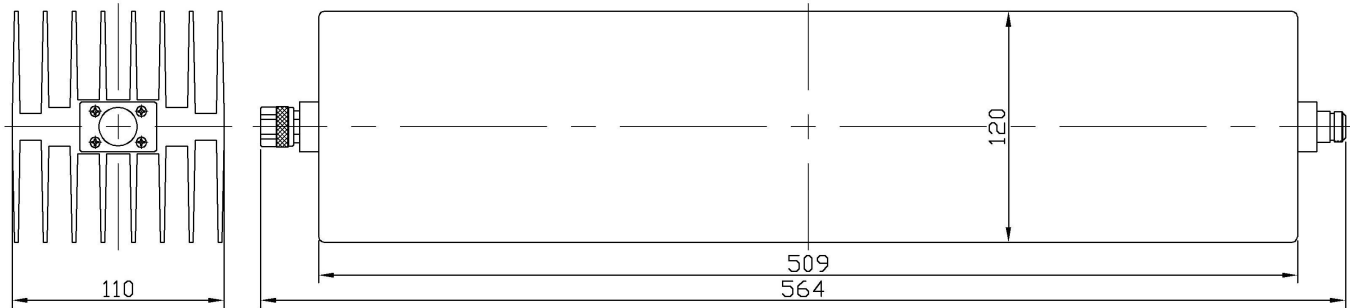
环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-55 to +100	°C
存储温度 Non-operating Temperature	-55 to +125	°C
壳体材质 Body Material	Aluminum,black	
连接器材质 Connector Material	Nickel plated brass	

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
内导体 Inner Conductor	Male:gold plated phosphor bronze Female:gold plated phosphor bronze	
接口 Connectors	N Female/Male	
尺寸 Size	564×120×110	mm
重量 Weight	7	Kg

外形图 Outline Drawing: Unit:mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TA10A300-N-4-BI	Coaxial Fixed Attenuator, DC-4GHz,10±1.2dB Attenuation
TA20A300-N-4-BI	Coaxial Fixed Attenuator, DC-4GHz,20±2.5dB Attenuation
TA30A300-N-4-BI	Coaxial Fixed Attenuator, DC-4GHz,30±1.5dB Attenuation
TA40A300-N-4-BI	Coaxial Fixed Attenuator, DC-4GHz,40±1.5dB Attenuation
TA50A300-N-4-BI	Coaxial Fixed Attenuator, DC-4GHz,50±1.5dB Attenuation
TA60A300-N-4-BI	Coaxial Fixed Attenuator, DC-4GHz,60±1.5dB Attenuation