

## 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 6GHz.

#### Features:

- Operating Frequency DC to 6GHz
- 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		6	GHz
衰减范围 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
驻波 VSWR			1.3	:1
阻抗 Impedance		50		Ohms
射频功率值 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.

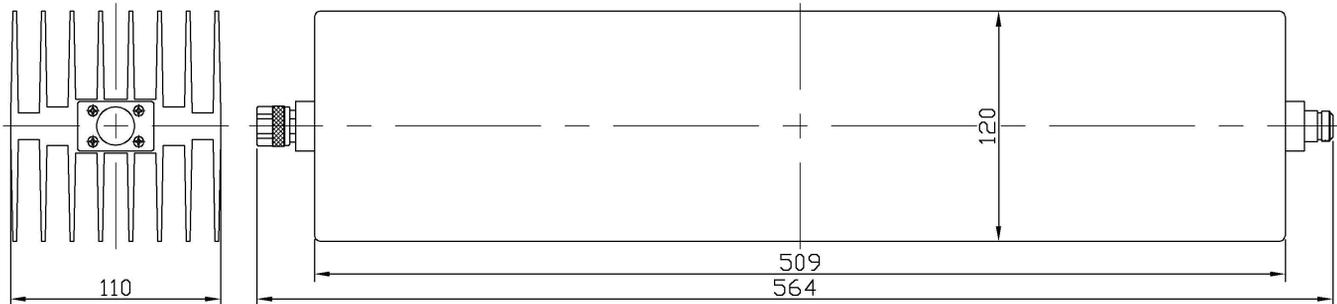
### 环境和机械特性 Environmental And Physical Characteristics:

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

## 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-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