

## 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<br>PEAK: 5000 Watts(5 μs pulse width, 2% duty cycle) |        |      |          |

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

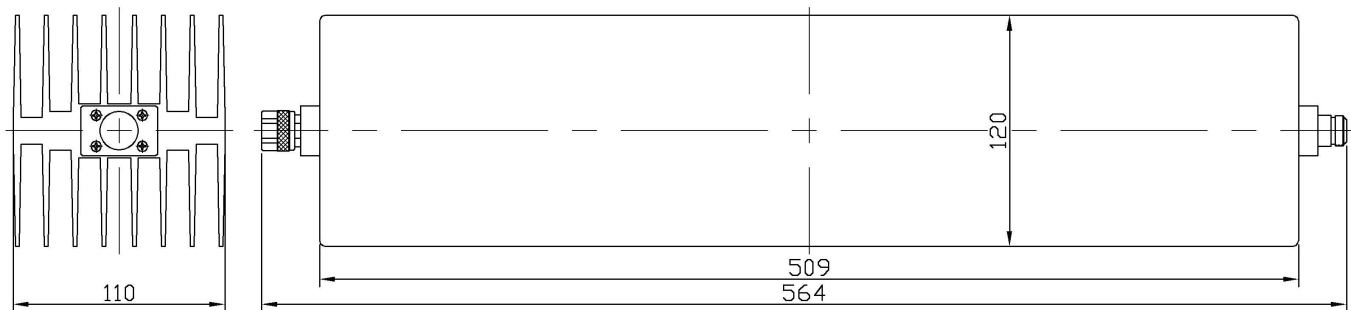
### 环境和机械特性 Envirionmental And Physical Characteristics:

| 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 Envriomental And Physical Characteristics:

| 类型 Description      | 参数 Parameter                                                           | 单位 Units |
|---------------------|------------------------------------------------------------------------|----------|
| 内导体 Inner Conductor | Male:gold plated phosphor bronze<br>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,<br>DC-4GHz,10±1.2dB Attenuation |
| TA20A300-N-4-BI  | Coaxial Fixed Attenuator,<br>DC-4GHz,20±2.5dB Attenuation |
| TA30A300-N-4-BI  | Coaxial Fixed Attenuator,<br>DC-4GHz,30±1.5dB Attenuation |
| TA40A300-N-4-BI  | Coaxial Fixed Attenuator,<br>DC-4GHz,40±1.5dB Attenuation |
| TA50A300-N-4-BI  | Coaxial Fixed Attenuator,<br>DC-4GHz,50±1.5dB Attenuation |
| TA60A300-N-4-BI  | Coaxial Fixed Attenuator,<br>DC-4GHz,60±1.5dB Attenuation |