

## Coaxial Fixed Attenuator

1.85mm Female&Male/DC-67GHz

Model: TAXXA2-1.85-67

TAXXA2-1.85-67 is a 3/6/10/20/30 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 67 GHz.

### Features:

- Operating Frequency DC to 67GHz
- Broadband Coverage
- Lost Cost

### Applications:

- Test Lab
- Instrumentations
- System Integration

### 电气特性 Electrical Characteristics:

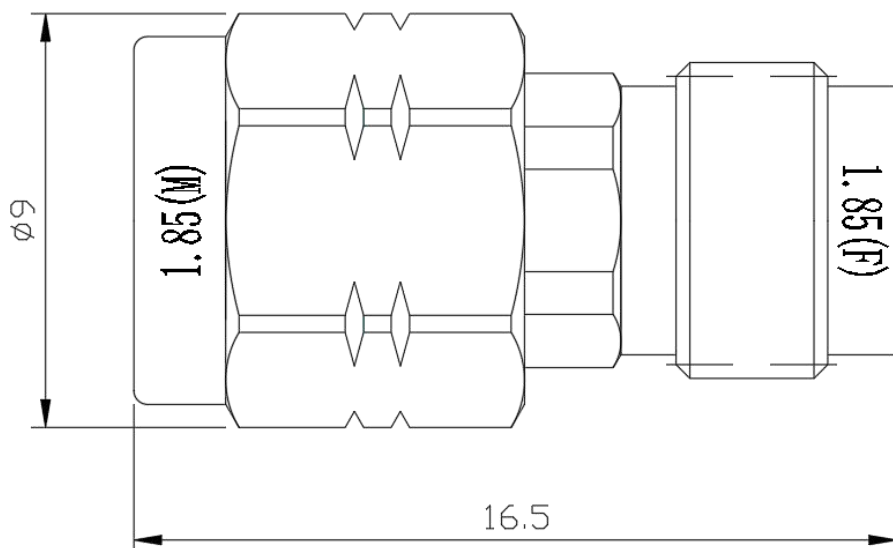
| 参数 Parameter           | Min                                                                        | Typ         | Max  | 单位 Units |
|------------------------|----------------------------------------------------------------------------|-------------|------|----------|
| 频率范围 Frequency Range   | DC                                                                         |             | 67   | GHz      |
| 衰减范围 Attenuation Range |                                                                            | 3(-1/+1.3)  |      | dB       |
|                        |                                                                            | 6(-1/+1.3)  |      |          |
|                        |                                                                            | 10(-1/+1.3) |      |          |
|                        |                                                                            | 20±1.5      |      |          |
|                        |                                                                            | 30±1.5      |      |          |
| 驻波 VSWR                |                                                                            | 1.25        | 1.35 | :1       |
| 阻抗 Impedance           |                                                                            | 50          |      | Ohms     |
| 射频功率值 RF Power Rating  | 2 Watts Average at 25℃<br>PEAK: 125 Watts(5 μs pulse width, 1% duty cycle) |             |      |          |

### 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                  | ℃        |
| 连接器材质 Connector Material   | Passivated Stainless Steel   |          |
| 内导体 Inner Conductor        | Gold plated beryllium bronze |          |
| 接口 Connectors              | 1.85mm Female/Male           |          |
| 尺寸 Size                    | Ø9×16.5                      | mm       |

## 外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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                                                 |
|------------------|----------------------------------------------------------------|
| TA03A2-1.85-67   | Coaxial Fixed Attenuator,<br>DC-67GHz,3(-1/+1.3)dB Attenuation |
| TA06A2-1.85-67   | Coaxial Fixed Attenuator,<br>DC-18GHz,6(-1/+1.3)dB Attenuation |
| TA10A2-1.85-67   | Coaxial Fixed Attenuator,<br>DC-18GHz,10±1.5dB Attenuation     |
| TA20A2-1.85-67   | Coaxial Fixed Attenuator,<br>DC-18GHz,20±1.5dB Attenuation     |
| TA30A2-1.85-67   | Coaxial Fixed Attenuator,<br>DC-18GHz,30±1.5dB Attenuation     |