

## Coaxial Fixed Attenuator

### 2.92mm Female&Male/DC-40GHz

**Model: TAXXA50-2.92-40B**

TAXXA50-2.92-40B is a 10/20/30/40 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 40 GHz.

#### Features:

- Operating Frequency DC to 40GHz
- 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  |               | 40   | GHz      |
| 衰减范围 Attenuation Range |   | 10(-2.0/+2.5) |      | dB       |
|                        |   | 20(±3.0)      |      | dB       |
|                        |   | 30(±3.0)      |      | dB       |
|                        |   | 40(±3.0)      |      | dB       |
| 驻波 VSWR                |   |               | 1.35 | :1       |
| 阻抗 Impedance           |   | 50            |      | Ohms     |
| 射频功率值 RF Power Rating  | 50 Watts Average at 25°C<br>PEAK: 200 Watts(5 μs pulse width, 10% duty cycle) |               |      |          |

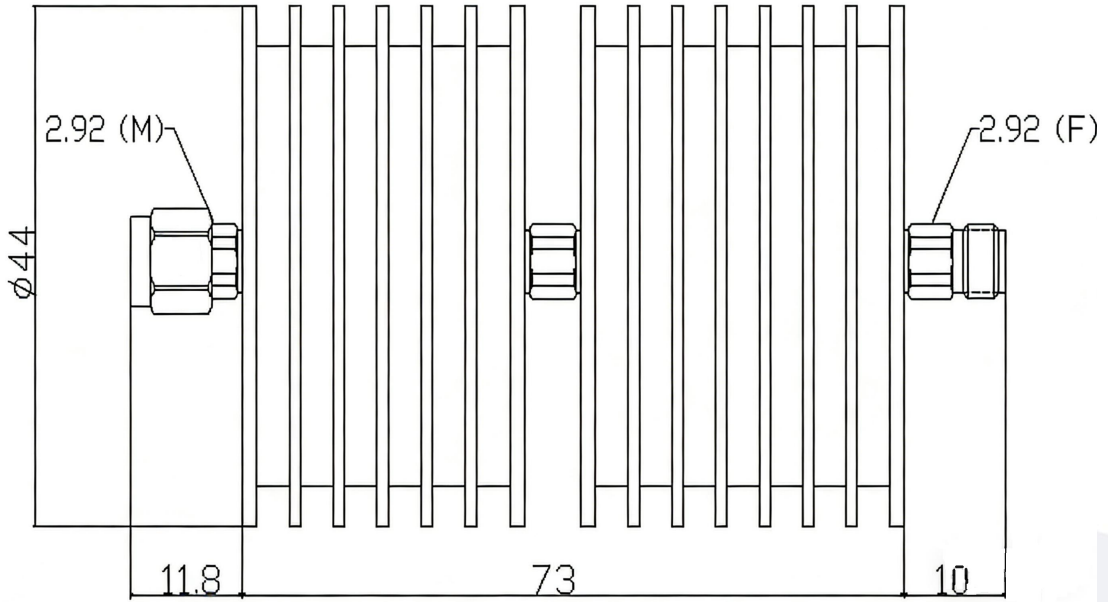
### 环境和机械特性 Environmental And Physical Characteristics:

| 类型 Description           | 参数 Parameter                                     | 单位 Units |
|--------------------------|--|----------|
| 壳体材质 Body Material       | Black, finned aluminum                           |          |
| 连接器材质 Connector Material | Passivated stainless steel or brass, gold plated |          |
| 内导体 Inner Conductor      | Gold plated beryllium copper                     |          |
| 绝缘体 Insulators           | PEI  |          |
| 接口 Connectors            | 2.92mm Female/Male                               |          |
| 尺寸 Size                  | ø44*94.8(10dB)<br>ø54*110.6(20/30/40dB)          | mm       |

外形图 Outline Drawing:

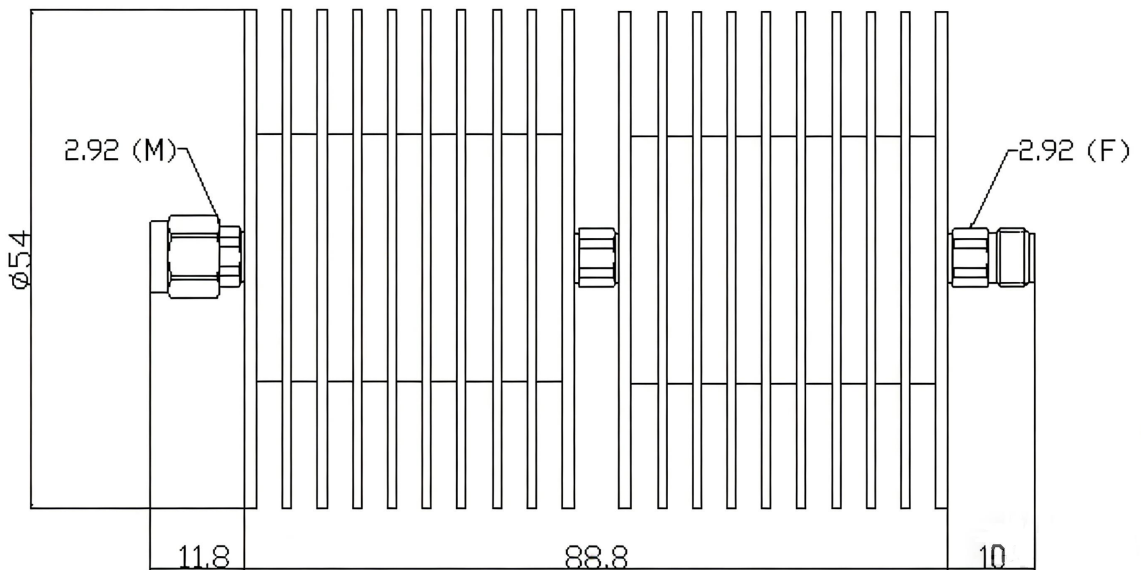
Unit:mm

10dB:



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

20/30/40dB:



## 订货信息 Ordering Information:

| 标准型号 Base Number | 描述 Description  |
|------------------|---|
| TA10A50-2.92-40B | Coaxial Fixed Attenuator,<br>DC-40GHz,10(-2.0/+2.5)dB Attenuation   |
| TA20A50-2.92-40B | Coaxial Fixed Attenuator,<br>DC-40GHz,20( $\pm 3.0$ )dB Attenuation |
| TA30A50-2.92-40B | Coaxial Fixed Attenuator,<br>DC-40GHz,30( $\pm 3.0$ )dB Attenuation |
| TA40A50-2.92-40B | Coaxial Fixed Attenuator,<br>DC-40GHz,40( $\pm 3.0$ )dB Attenuation |