

## Coaxial Fixed Attenuator

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

Model: TAXXA100-2.92-40

TAXXA100-2.92-40 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:

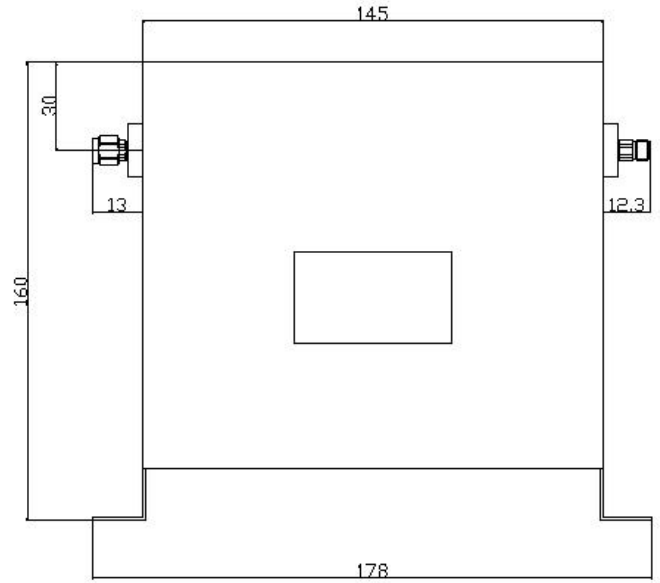
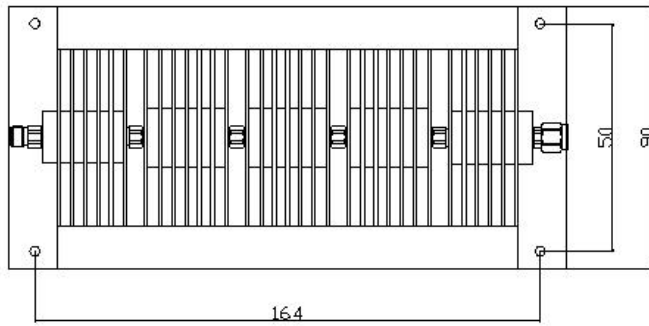
| 参数 Parameter           | Min                                                                             | Typ       | Max | 单位 Units |
|------------------------|---------------------------------------------------------------------------------|-----------|-----|----------|
| 频率范围 Frequency Range   | DC                                                                              |           | 40  | GHz      |
| 衰减范围 Attenuation Range |                                                                                 | 10/20±4.0 |     | dB       |
|                        |                                                                                 | 30±4.0    |     | dB       |
|                        |                                                                                 | 40±4.0    |     | dB       |
| 驻波 VSWR                |                                                                                 |           | 1.4 | :1       |
| 阻抗 Impedance           |                                                                                 | 50        |     | Ohms     |
| 射功率率值 RF Power Rating  | 100 Watts Average at 25°C<br>PEAK: 1000 Watts(5 μs pulse width, 10% 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 Temerature | -55 To +125                                                   | °C       |
| 壳体材质 Body Material        | Black,Finned Aluminum                                         |          |
| 连接器材质 Connector Material  | Passivated Stainless Steel                                    |          |
| 内导体 Inner Conductor       | Male:gold plated brass<br>Female:gold plated beryllium bronze |          |
| 接口 Connectors             | 2.92mm Female/Male                                            |          |
| 尺寸 Size                   | TBD                                                           | mm       |

## 外形图 Outline Drawing:

Unit:mm( $\pm 0.1$ 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                                                     |
|------------------|--------------------------------------------------------------------|
| TA10A100-2.92-40 | Coaxial Fixed Attenuator,<br>DC-40GHz, $10 \pm 4.0$ dB Attenuation |
| TA20A100-2.92-40 | Coaxial Fixed Attenuator,<br>DC-40GHz, $20 \pm 4.0$ dB Attenuation |
| TA30A100-2.92-40 | Coaxial Fixed Attenuator,<br>DC-40GHz, $30 \pm 4.0$ dB Attenuation |
| TA40A100-2.92-40 | Coaxial Fixed Attenuator,<br>DC-40GHz, $40 \pm 4.0$ dB Attenuation |

## 典型曲线 Typical Performance Data:

