

TURADPS-2.4

TURADPS-2.4 is a phase trimmers are adjustable passive microwave devices designed for RF applications TURADPS-2.4 have a phase range of 0° to 360° and a phase adjustment of 7.2° per GHz. Maximum insertion loss for all of our phase trimmers for RF is 1 dB.

Features:

- Operating Frequency DC to 50 GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

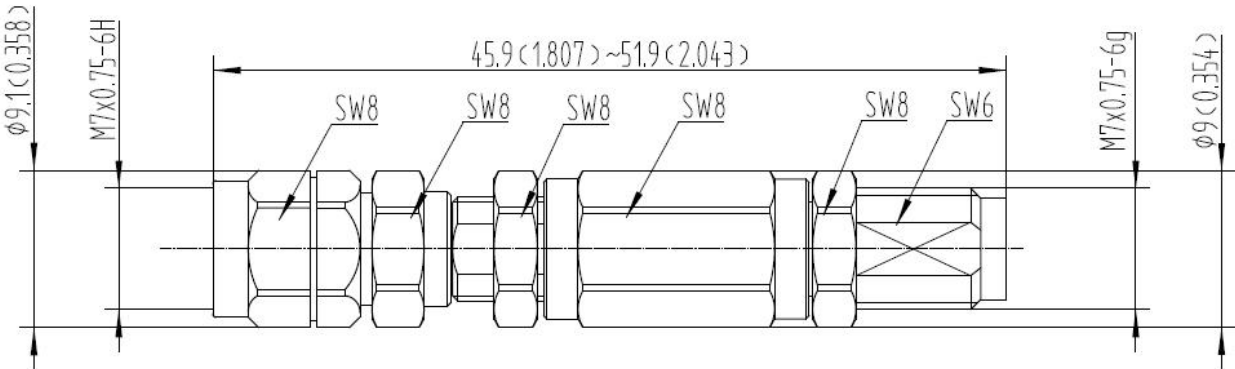
电气特性 Electrical Characteristics:

| 参数 Parameter                            | Min | Typ           | Max | 单位 Units |
|-----------------------------------------|-----|---------------|-----|----------|
| 频率范围 Frequency Range                    | DC  |               | 50  | GHz      |
| 驻波 VSWR                                 |     |               | 1.4 | :1       |
| 插损 Insertion Loss                       |     |               | 1   | dB       |
| 相位调节范围<br>Phase adjustment range        |     | 7.2 X f (GHz) |     | °        |
| 相位灵敏度 Phase Sensitivity                 |     | 0.6 X f (GHz) |     | °/Circle |
| 介电强度<br>Dielectric Withstanding Voltage |     | 750           |     | V        |
| 绝缘电阻 Insulation Resistance              |     | 5000          |     | MOhms    |
| 阻抗 Impedance                            |     | 50            |     | Ohms     |

环境和机械特性 Envrionmental And Physical Characteristics:

| 类型 Description            | 参数 Parameter               | 单位 Units |
|---------------------------|----------------------------|----------|
| 操作温度 Operating Temerature | -55 To +155                | °C       |
| 电介质 Dielectric            | PEI 1000                   |          |
| 壳体材质 Body Material        | Stainless steel,Passivated |          |
| 内导体 Inner Conductor       | Be-Cu, Gold plated         |          |

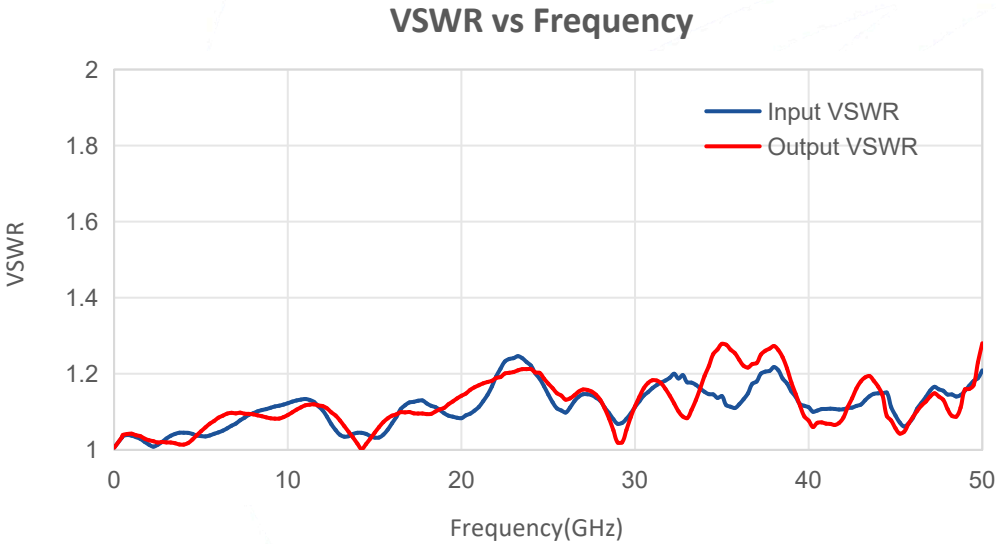
外形图 Outline Drawing: Unit:mm



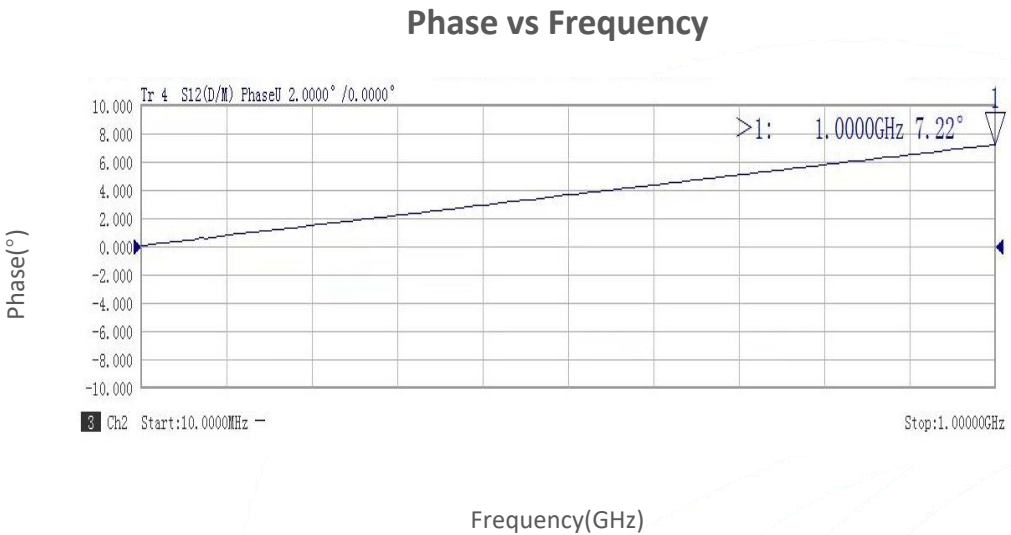
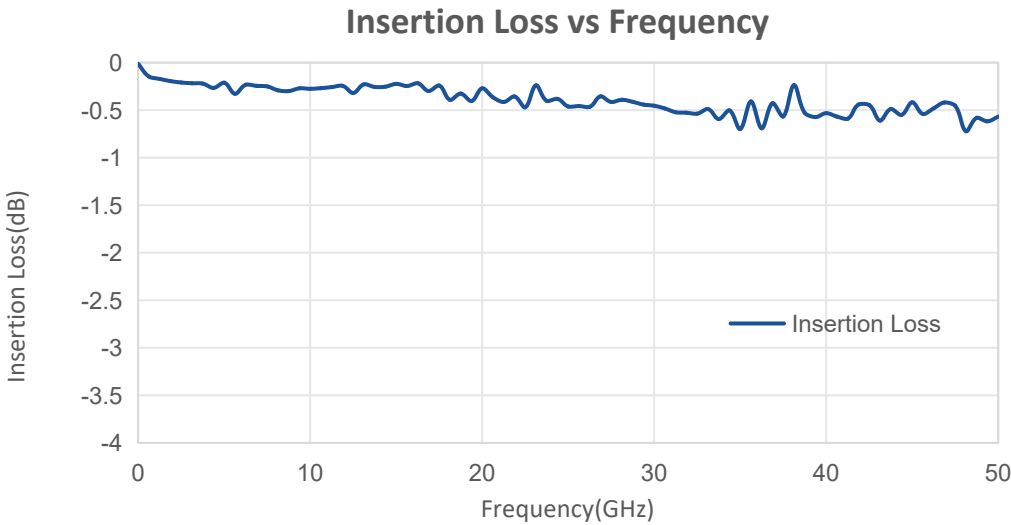
订货信息 Ordering Information:

| 标准型号 Base Number | 描述 Description                                                                                  | 版本号 Revision |
|------------------|-------------------------------------------------------------------------------------------------|--------------|
| TURADPS-2.4      | 2.4mm straight Male Plug to Female Jack Phase Trimmer, DC-50GHz,Phase adjustment: 7.2° per GHz. | Rev.1.1      |

典型曲线 Typical Performance Data:



典型曲线 Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.