

Phase Trimmer

DC-50GHz/2.4mm Male to Female

Model: TLADPS-2.4

TLADPS-2.4 is a phase trimmers are adjustable passive microwave devices designed for RF applications. TLADPS-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

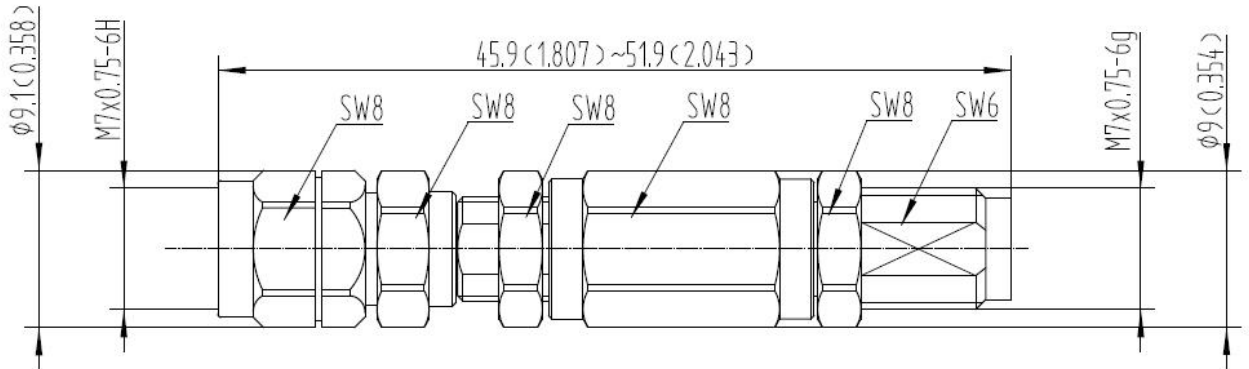
电气特性 Electrical Characteristics:

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 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 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 Envriionmental 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	
接口 Connectors	2.4mm Male/Female	
螺母材质 Nut Material	Stainless steel, Passivated	

外形图 Outline Drawing: Unit:mm

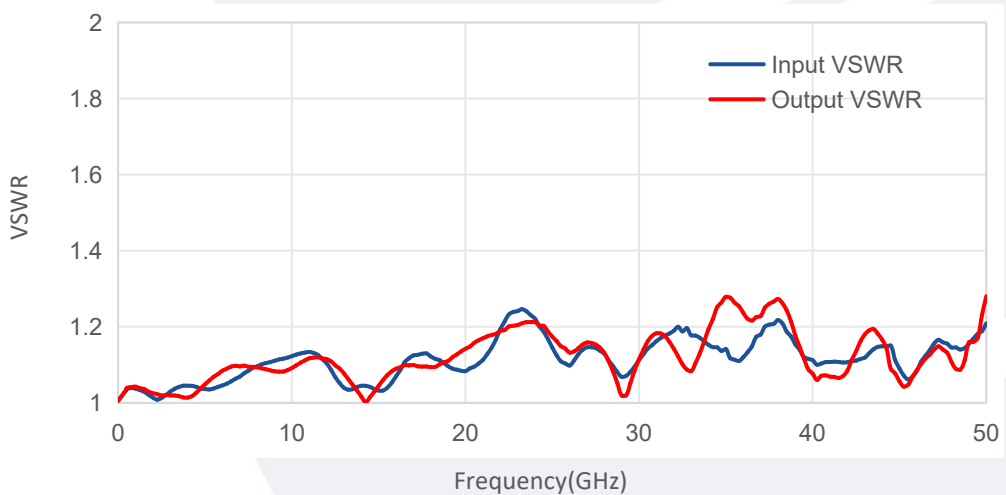


订货信息 Ordering Information:

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

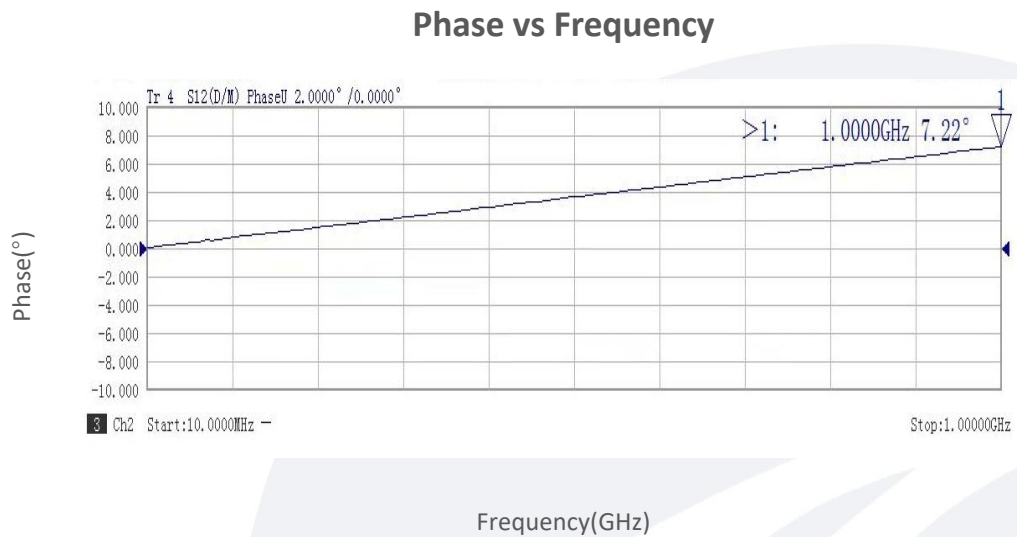
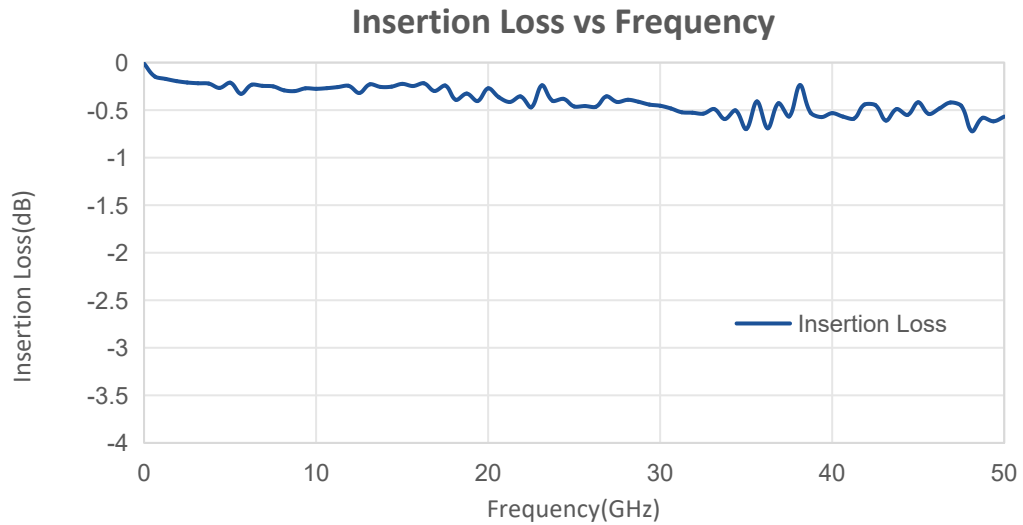
典型曲线 Typical Performance Data:

VSWR vs Frequency



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.

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