

## Phase Trimmer

### DC-26.5GHz/SMA Male to Female

### Model: TLADPS-SMA

TLADPS-SMA is a phase trimmers are adjustable passive microwave devices designed for RF applications. TLADPS-SMA have a phase range of 0° to 265° and a phase adjustment of 10° per GHz. Maximum insertion loss for all of our phase trimmers for RF is 0.5 dB.

#### Features:

- Operating Frequency DC to 26.5 GHz
- High phase adjustmant accuracy
- Low insertion loss

#### Applications:

- laboratory test
- Communication equipment

### 电气特性 Electrical Characteristics:

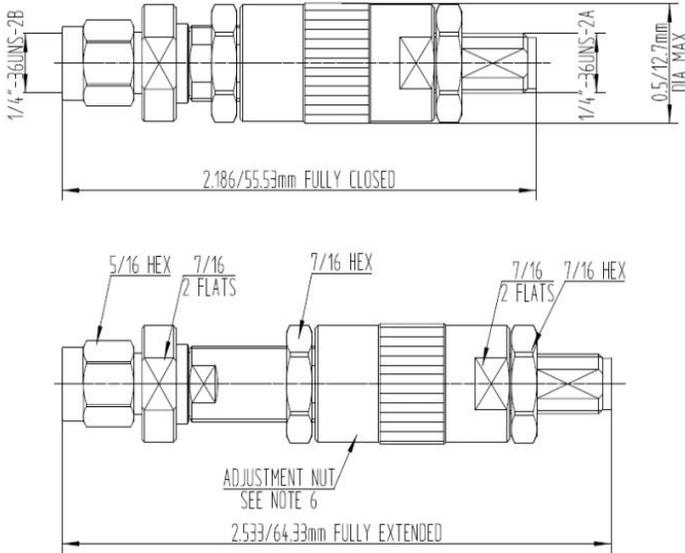
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		26.5	GHz
驻波 VSWR	@DC-6GHz	1.15		:1
	@6-12GHz	1.25		
	@12-18GHz	1.30		
	@18-26.5GHz	1.35		
插损 Insertion Loss		0.2	0.5	dB
相位调节范围 Phase adjustment range		10 X f(GHz)		°
介电强度 Dielectric Withstanding Voltage		1500		V
绝缘电阻 Insulation Resistance		5000		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 Temperature	-65 To +165	°C
电介质 Dielectric	PTFE/PEI	
壳体材质 Body Material	Stainless steel, Passivated	
内导体 Inner Conductor	Be-Cu, Gold plated	
接口 Connectors	SMA	
螺母材质 Nut Material	Stainless steel, Passivated	

**外形图 Outline Drawing:**

Unit:mm

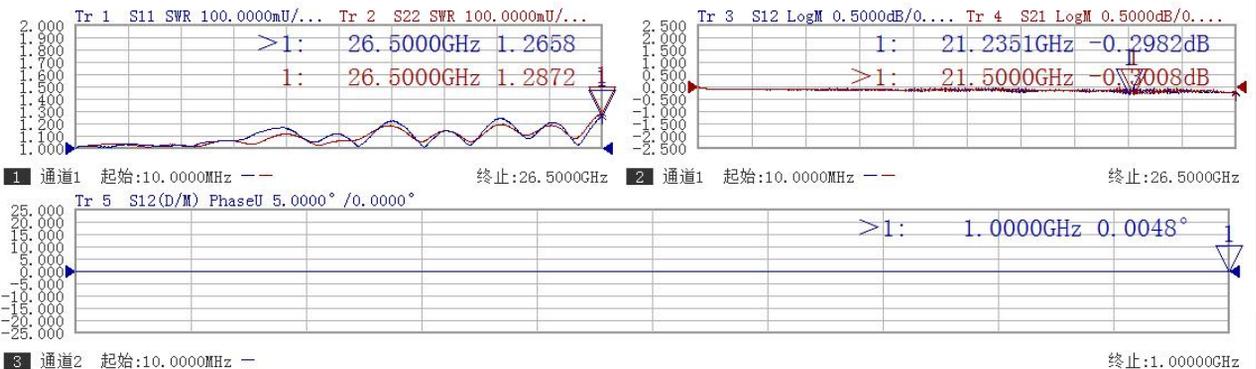


**订货信息 Ordering Information:**

标准型号 Base Number	描述 Description	版本号 Revision
TLADPS-SMA	SMA straight Male Plug to Female Jack Phase Trimmer, DC-26.5GHz, Phase adjustment: 10° per GHz.	Rev.1.1

**典型曲线 Typical Performance Data:**

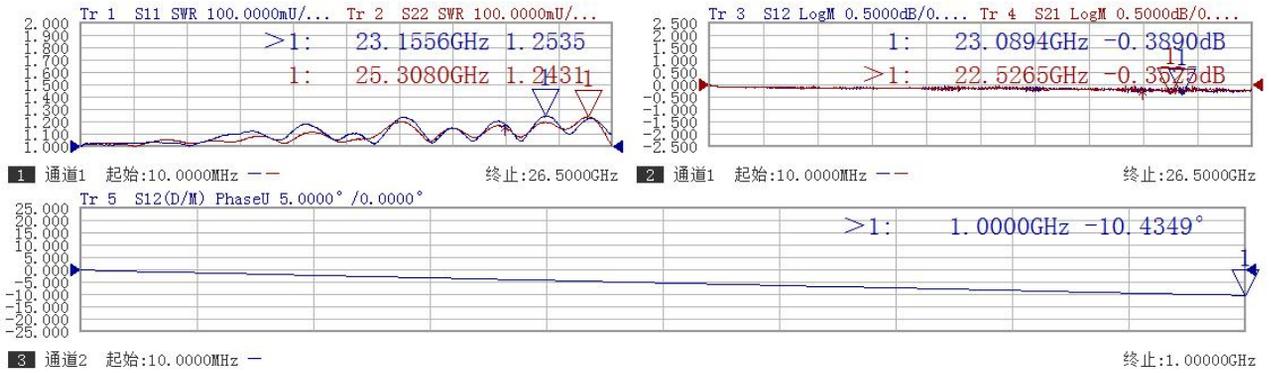
**VSWR&Insertion Loss&Phase vs Frequency**



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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