

Phase Trimmer

DC-18GHz/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 180° 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 18 GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

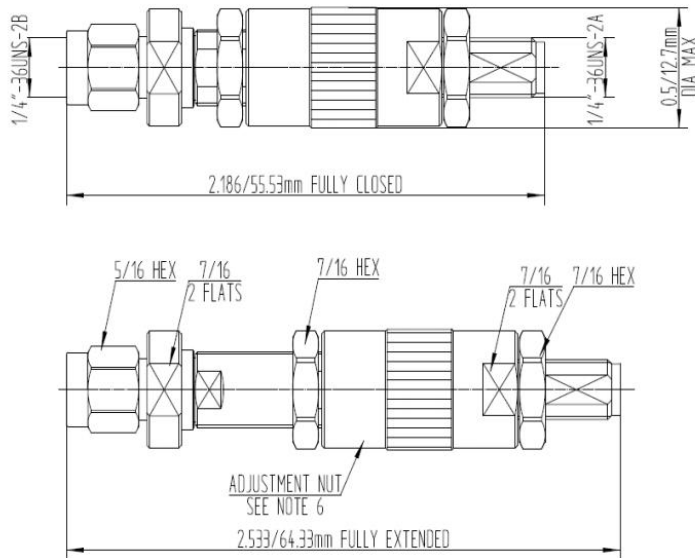
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
频率范围 Frequency Range		DC		18	GHz
驻波 VSWR	@DC-6GHz		1.15		:1
	@6-12GHz		1.25		
	@12-18GHz		1.35		
插损 Insertion Loss				0.5	dB
相位调节范围 Phase adjustment range			10 X f(GHz) (One rotation at 1.0GHz is approx. 0.6°)		°
介电强度 Dielectric Withstanding Voltage			1500		V
绝缘电阻 Insulation Resistance			5000		MOhms
阻抗 Impedance			50		Ohms

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-18GHz, Phase adjustment: 10° per GHz.	Rev.1.1