

Phase Trimmer

DC-40GHz/2.92mm Male to Female

Model: TLADPS-2.92

TLADPS-2.92 is a phase trimmers are adjustable passive microwave devices designed for RF applications. TLADPS-2.92 have a phase range of 0° to 600° and a phase adjustment of 15° per GHz. Maximum insertion loss for all of our phase trimmers for RF is $0.06 \cdot \sqrt{f(\text{GHz})}$ dB.

Features:

- Operating Frequency DC to 40 GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

电气特性 Electrical Characteristics:

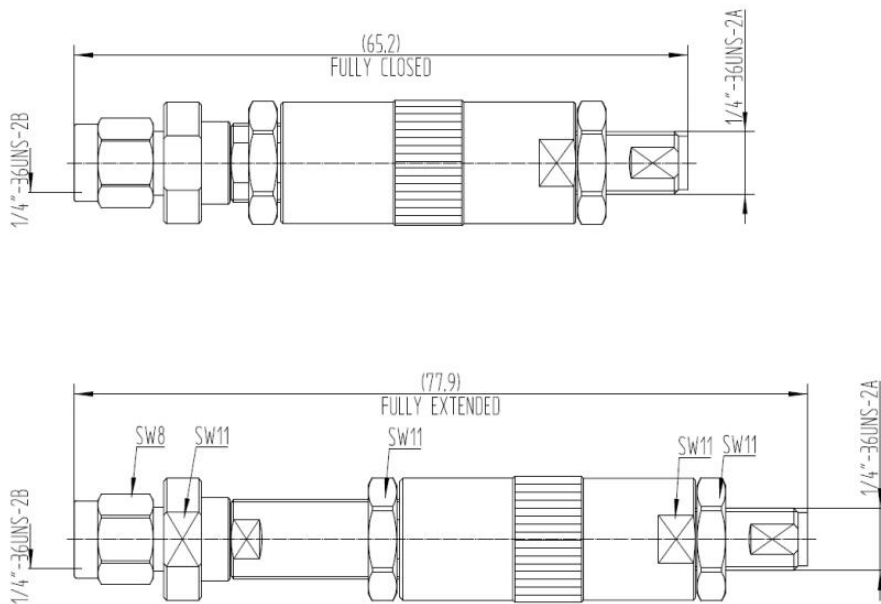
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		40	GHz
驻波 VSWR			1.45	:1
插损 Insertion Loss			$0.06 \cdot \sqrt{f(\text{GHz})}$	dB
相位调节范围 Phase adjustment range		15 X f(GHz)		°
介电强度 Dielectric Withstanding Voltage		750		V
绝缘电阻 Insulation Resistance		5000		MOhms
阻抗 Impedance		50		Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-55 To +125	°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	2.92mm	
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-2.92	SMA straight Male Plug to Female Jack Phase Trimmer, DC-40GHz, Phase adjustment: 15° per GHz.	Rev.1.1