Suzhou Talent Microwave,Inc
sales@talentmw.com
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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 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 26.5 GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Frequency Range		DC		26.5	GHz
VSWR	@DC-6GHz		1.15		:1
	@6-12GHz		1.25		
	@12-18GHz		1.30		
	@18-26.5GHz		1.35		
Insertion Loss			0.2	0.5	dB
Phase adjustment range			10 X f(GHz) （One rotation at 1.0GHz is approx. 0.6°）		°
Dielectric Withstanding Voltage			1500		V
Insulation Resistance			5000		MOhms
Impedance			50		Ohms

Description	Parameter	Units
Operating Temerature	-65 To +165	℃
Dielectric	PTFE/PEI	
Body Material	Stainless steel,Passivated	
Inner Conductor	Be-Cu, Gold plated	
Connectors	SMA	
Nut Material	Stainless steel,Passivated	

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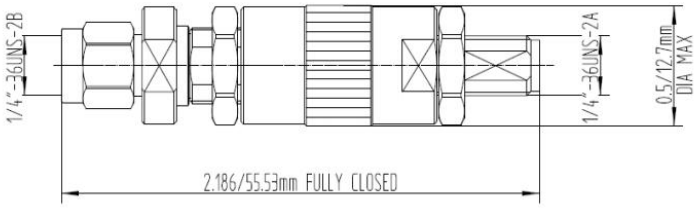
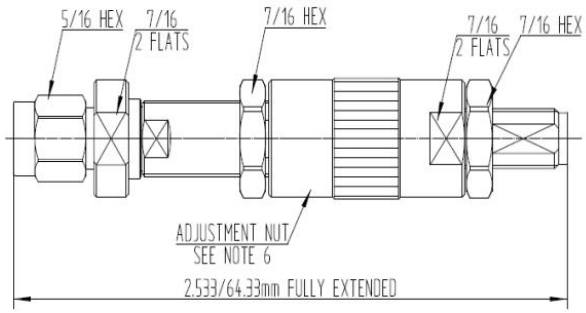
Outline Drawing:

Unit:mm



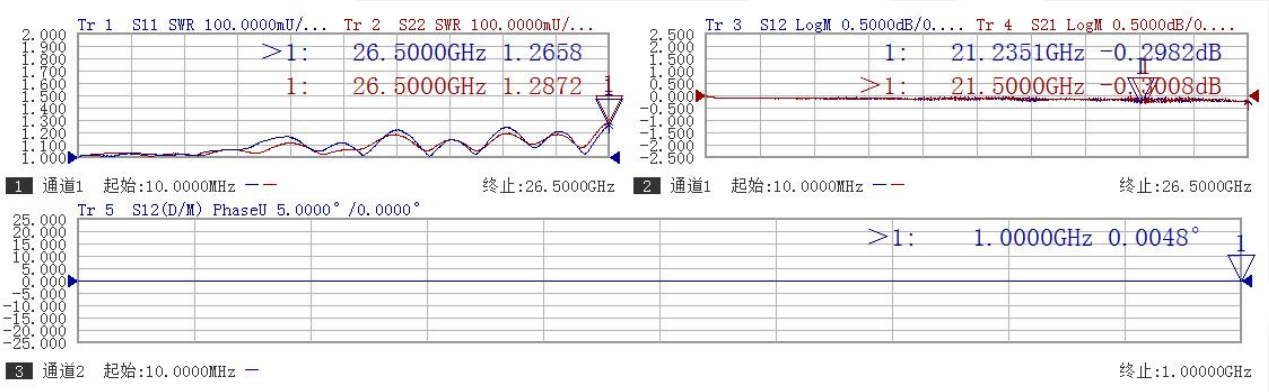


Ordering Information:

Base Number	Desciption	Revision
TLADPS-SMA	SMA straight Male Plug to Female Jack Phase Trimmer, DC-26.5GHz,Phase adjustment: 10° per GHz.	Rev.1.1

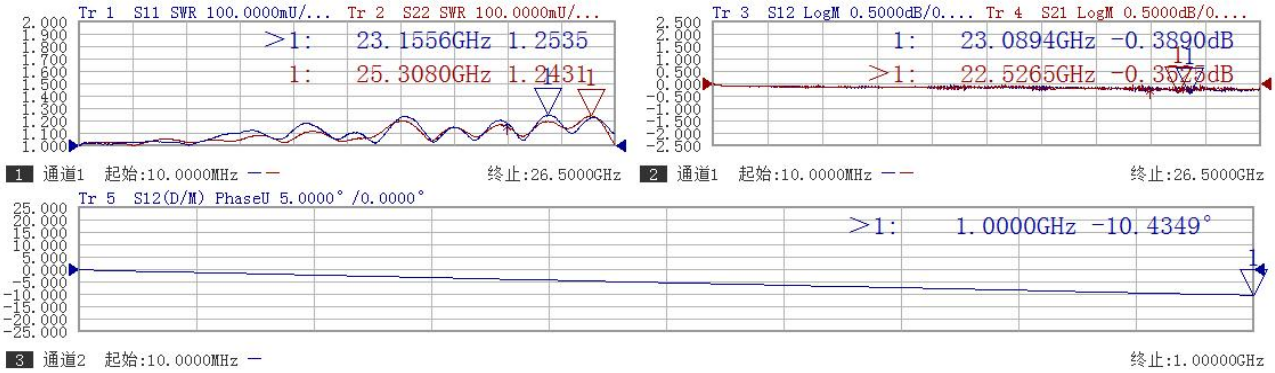
典型曲线 Typical Performance Data:

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.

VSWR&Insertion Loss&Phase vs Frequency



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