

Adjustable Phase Shifter

DC-2.5GHz/N Female

Model: TLMPS-2.5G-360-S

TLMPS-2.5G-360-S is a phase shifters is adjustable passive microwave devices designed for RF applications. TLMPS-2.5G-360-S have a phase range of 0° to 360° and a phase adjustment of 2.4° per GHz.

Features:

- Operating Frequency DC to 2.5GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

电气特性 Electrical Characteristics:

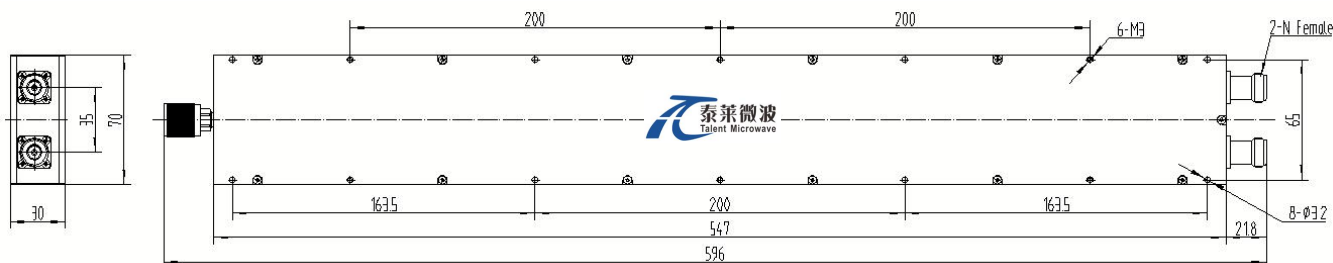
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		2.5	GHz
驻波 VSWR		1.15	1.2	:1
相位调节范围 Phase adjustment range	0		360	°/GHz
相位灵敏度 Phase Sensitivity		2.4 x f(GHz)		°/Circle
群时延 Group Delay		986		ps
插损 Insertion Loss		0.45	0.65	dB
耐受功率 Power Handling		150		W
阻抗 Impedance		50		Ohms

环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
接口 Connectors	N Female/N Female	
尺寸 Size	596*70*30	mm

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



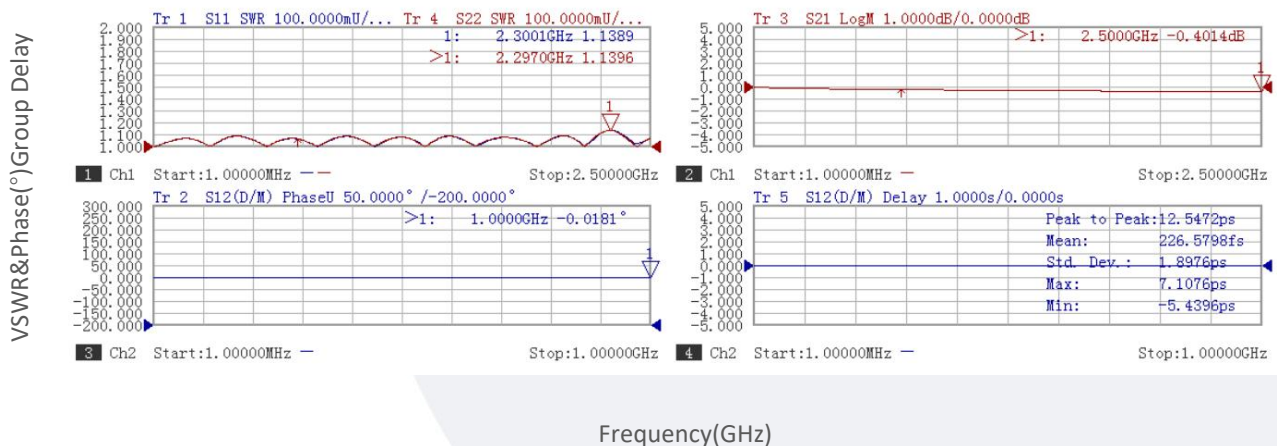
订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLMP5-2.5G-360-S	Adjustable Phase Shifter, DC-2.5GHz,Phase adjustment: 2.4° per GHz.	Rev.1.0

典型曲线 Typical Performance Data:

0° :

VSWR&Phase&Group Delay vs Frequency

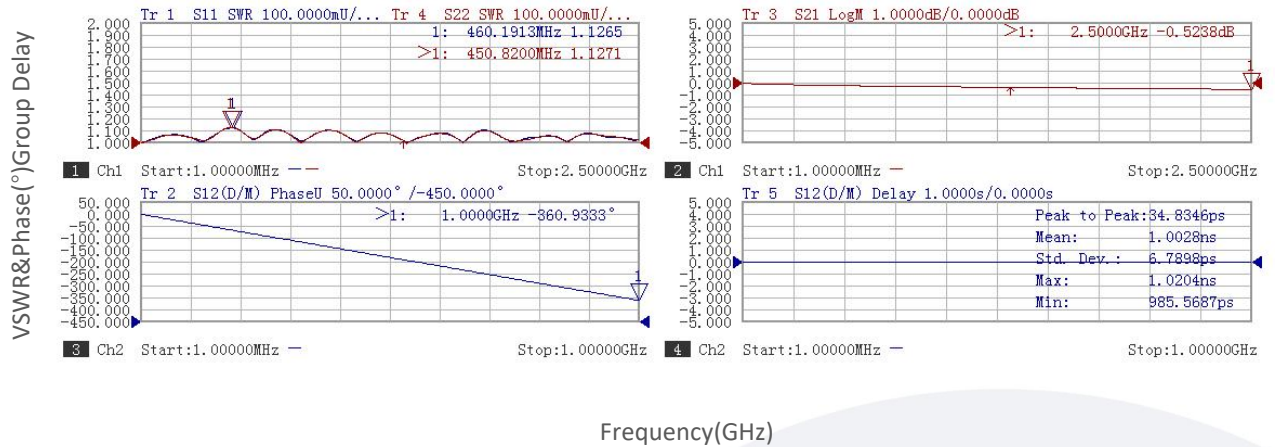


Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

典型曲线 Typical Performance Data:

360° :

VSWR&Phase&Group Delay 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.