

Adjustable Phase Shifter

DC-2.5GHz/N Female

Model: TLMP5-2.5G-360-S

TLMP5-2.5G-360-S is a phase shifters is adjustable passive microwave devices designed for RF applications.TLMP5-2.5G-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

Electrical Characteristics:

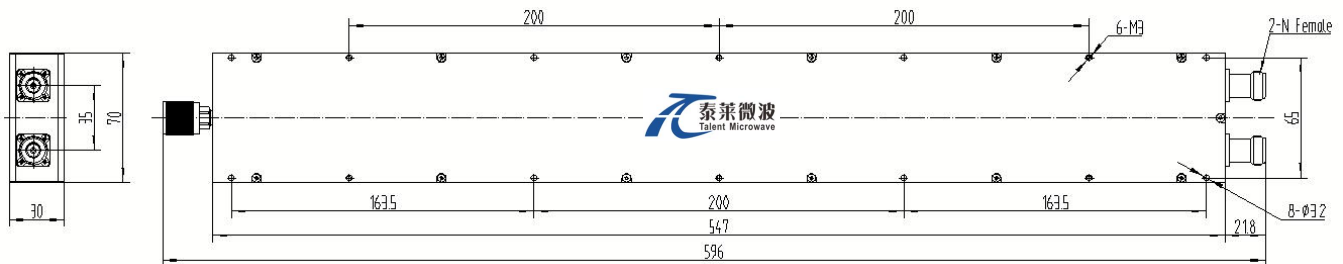
Parameter	Min	Typ	Max	Units
Frequency Range	DC		2.5	GHz
VSWR		1.15	1.2	:1
Phase adjustment range	0		360	°/GHz
Phase Sensitivity		2.4 x f(GHz)		°/Circle
Group Delay		986		ps
Insertion Loss		0.45	0.65	dB
Power Handling		150		W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	N Female/N Female	
Size	596*70*30	mm

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



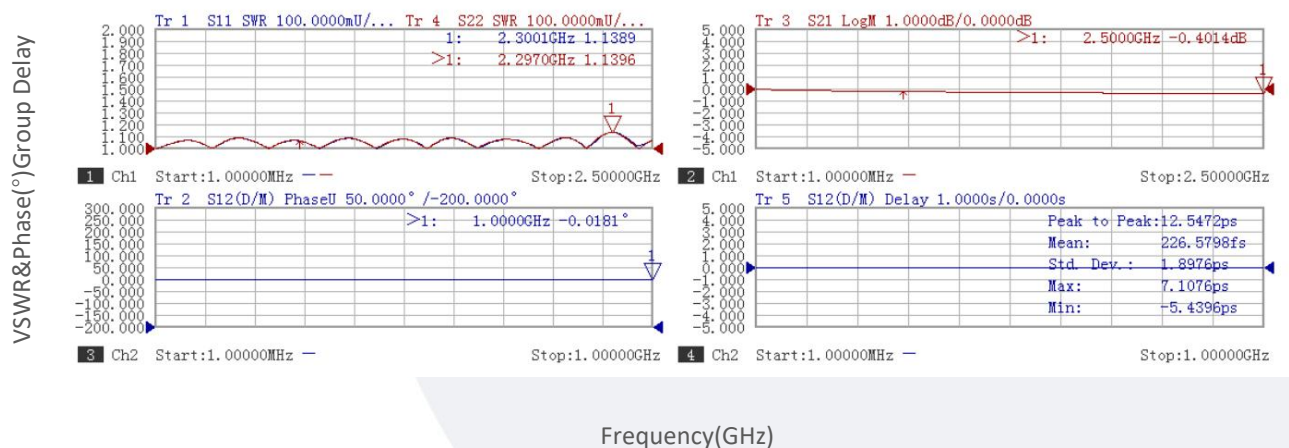
Ordering Information:

Base Number	Description	Revision
TLMPs-2.5G-360-S	Adjustable Phase Shifter, DC-2.5GHz,Phase adjustment: 2.4° per GHz.	Rev.1.0

Typical Performance Data:

0° :

VSWR&Phase&Group Delay vs Frequency

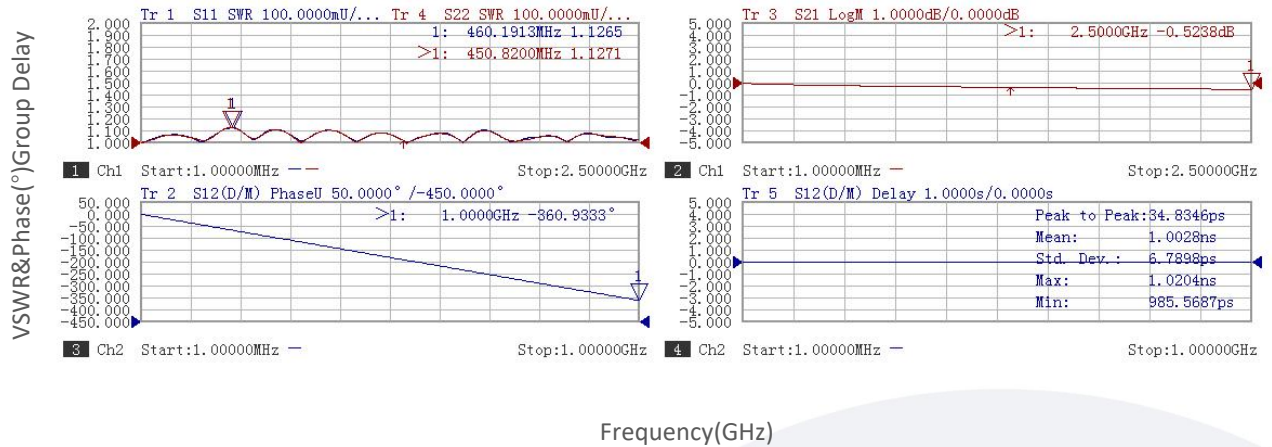


Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

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.