Suzhou Talent Microwave,Inc
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Adjustable Phase Shifter

DC-40GHz/2.92mm Female

Model: TLMPS-40G-50-S

TLMPS-40G-50-S is a phase shifters is adjustable passive microwave devices designed for RF applications.TLMPS-40G-50-S have a phase range of 0° to 50° and a phase adjustment of 1.2° per GHz. Maximum insertion loss for all of our adjustable phase shifters for RF is 2.5dB.

Features:

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

Applications:

- laboratory test
- Communication equipment

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR		1.4	1.6	:1
Insertion Loss		2	2.5	dB
Phase adjustment range	0		50	°/GHz
Phase Sensitivity		1.2 X f(GHz)		°/Circle
Group Delay		140		ps
Power Handling		10		W
Impedance		50		Ohms

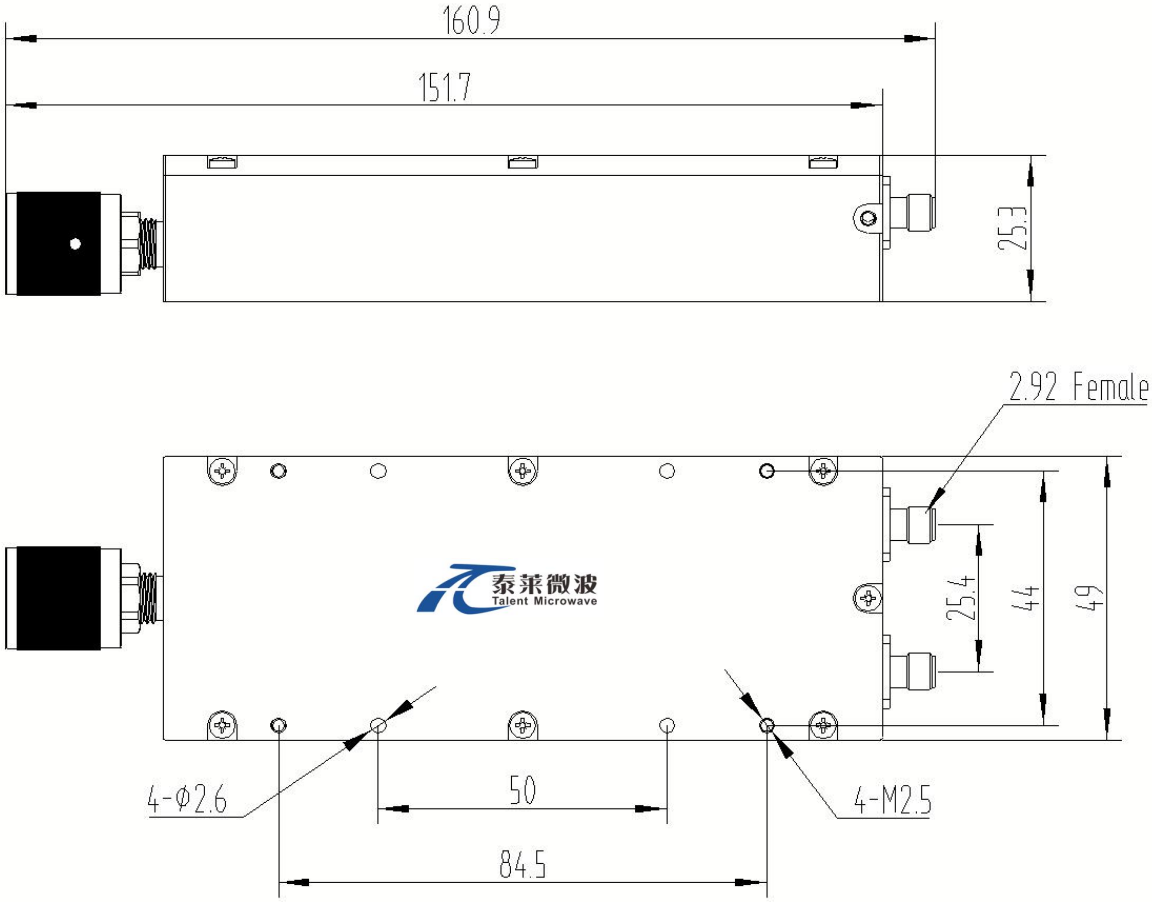
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-55 To +85	℃
Body Material	Aluminum alloy anodizing	
Inner Conductor	Be-Cu, Gold plated	
Connectors	2.92mm Female/2.92mm Female	
Size	160.9*49*25.3	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm



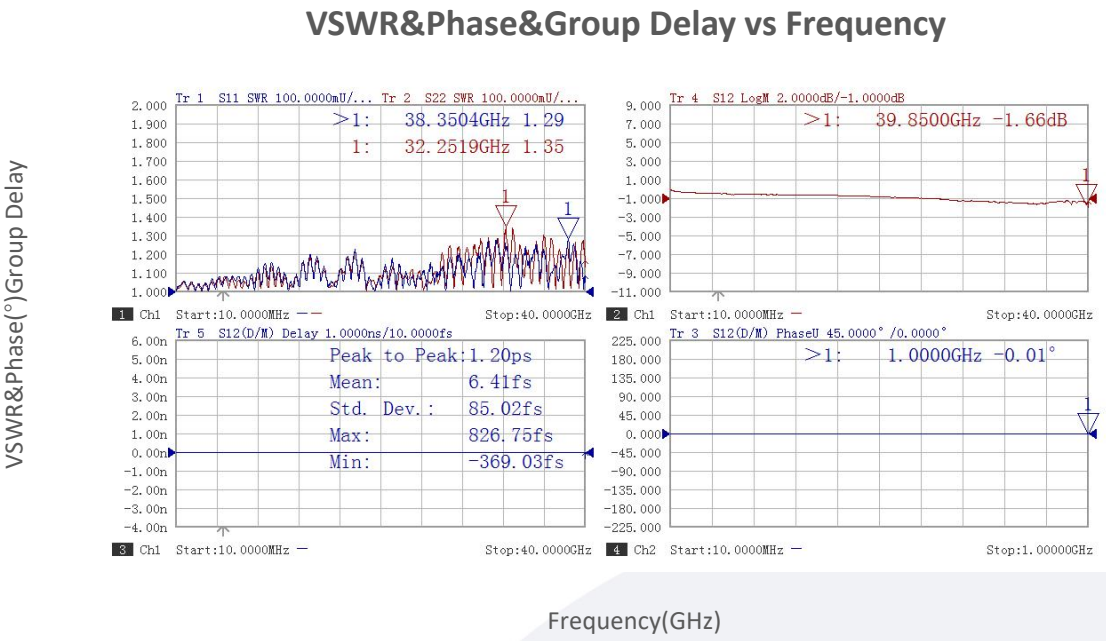
Ordering Information:

Base Number	Description	Revision
TLMPS-40G-50-S	Adjustable Phase Shifter, DC-40GHz,Phase adjustment: 1.2° per GHz.	Rev.1.1

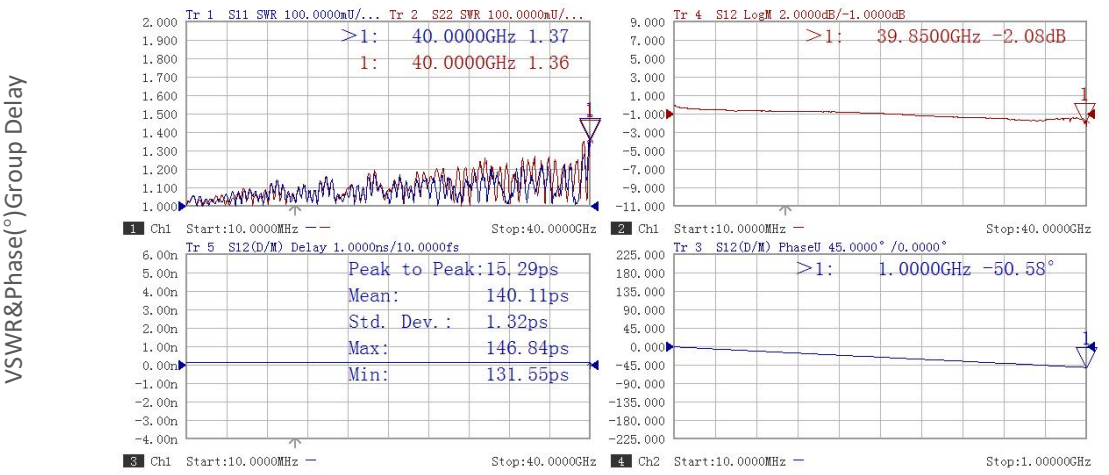
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Typical Performance Data:

0° :



50° :



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.