

Adjustable Phase Shifter

DC-2GHz/N Female

Model: TLMP5-2G-900-S

TLMP5-2G-900-S is a phase shifters is adjustable passive microwave devices designed for RF applications.TLMP5-2G-900-S have a phase range of 0° to 900° and a phase adjustment of 4.8° per GHz.

Features:

- Operating Frequency DC to 2GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

Electrical Characteristics:

Apply 1: Assemble semi-rigid cable,set one channel of phase adjustment range from 0~900° :

Parameter	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
VSWR			1.5	:1
Phase adjustment range@Apply 1	0		900	°/GHz
Phase Sensitivity@Apply 1		4.8 x f(GHz)		°/Circle
Group Delay@Apply 1		2500		ps
Insertion Loss			2.5	dB
Power Handling		100		W
Impedance		50		Ohms

Apply 2: Without semi-rigid cable, set two channels of phase adjustment range from 0~450° :

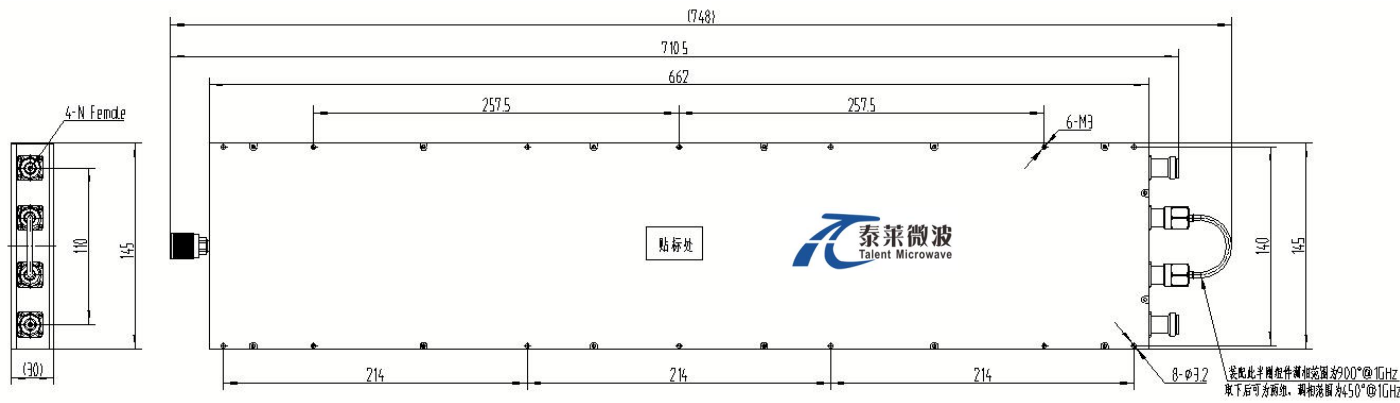
Parameter	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
VSWR			1.5	:1
Phase adjustment range@Apply 2	0		450	°/GHz
Phase Sensitivity@Apply 2		2.4 x f(GHz)		°/Circle
Group Delay@Apply 2		1250		ps
Insertion Loss			1.6	dB
Power Handling		100		W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	N Female/N Female	
Size	748*145*30	mm
Temperature Range	-10 ~ +50	°C

Outline Drawing:

Unit:mm



Ordering Information:

Base Number	Description	Revision
TLMP5-2G-900-S	Adjustable Phase Shifter, DC-2GHz,Phase adjustment: 4.8° per GHz.	Rev.1.0