

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

电气特性 Electrical Characteristics:

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

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		2	GHz
驻波 VSWR			1.5	:1
相位调节范围 Phase adjustment range@Apply 1	0		900	°/GHz
相位灵敏度 Phase Sensitivity@Apply 1		4.8 x f(GHz)		°/Circle
群时延 Group Delay@Apply 1		2500		ps
插损 Insertion Loss			2.5	dB
耐受功率 Power Handling		100		W
阻抗 Impedance		50		Ohms

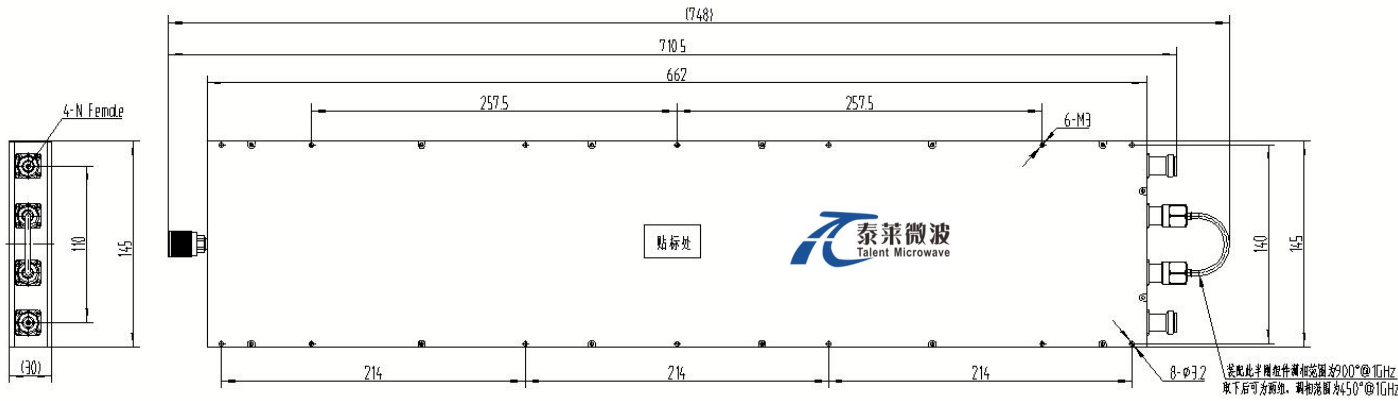
Apply 2: Without semi-rigid cable, set two channels of phase adjustment range from 0~450° :

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		2	GHz
驻波 VSWR			1.5	:1
相位调节范围 Phase adjustment range@Apply 2	0		450	°/GHz
相位灵敏度 Phase Sensitivity@Apply 2		2.4 x f(GHz)		°/Circle
群时延 Group Delay@Apply 2		1250		ps
插损 Insertion Loss			1.6	dB
耐受功率 Power Handling		100		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	748*145*30	mm
温度范围 Temperature Range	-10 ~ +50	°C

外形图 Outline Drawing: Unit:mm



订货信息 Ordering Information:

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