

Характеристики:

- Широкий рабочий диапазон частот 1 ГГц - 2 ГГц
- Изменение фазы 360°
- Низкие вносимые потери и низкая фазовая ошибка
- Единая система управления
- Характеристики могут быть изменены по требованию заказчика



Parameters	Min.	Typ.	Max.	Units
Frequency Range	1 ~ 2			GHz
Phase Range	360			deg
Phase Flatness			±15	deg
Insertion Loss		4.5	5.5	dB
Insertion Loss Temperature Coefficient		0.16		dB/ °C
Input VSWR		2.2	2.5	: 1
Output VSWR		2.2	2.5	: 1
Input 0.1dB Compression Point (P 0.1dB)		25		dBm
Control Voltage	0	12		V
Current	5 Max.			mA
Weight	0.4 Max.			ounces
Impedance	50			Ω
Input / Output Connectors	SMA-Female			
Finish	Gold Plated			
Material	Aluminum			
Sealing	Hermetically Sealed (Optional)			

Фазовращатель, регулируемый напряжением 1 ГГц - 2 ГГц

Absolute Maximum Ratings

Control Voltage	0~ 15V
RF Input power	+27dBm

Environmental Specifications

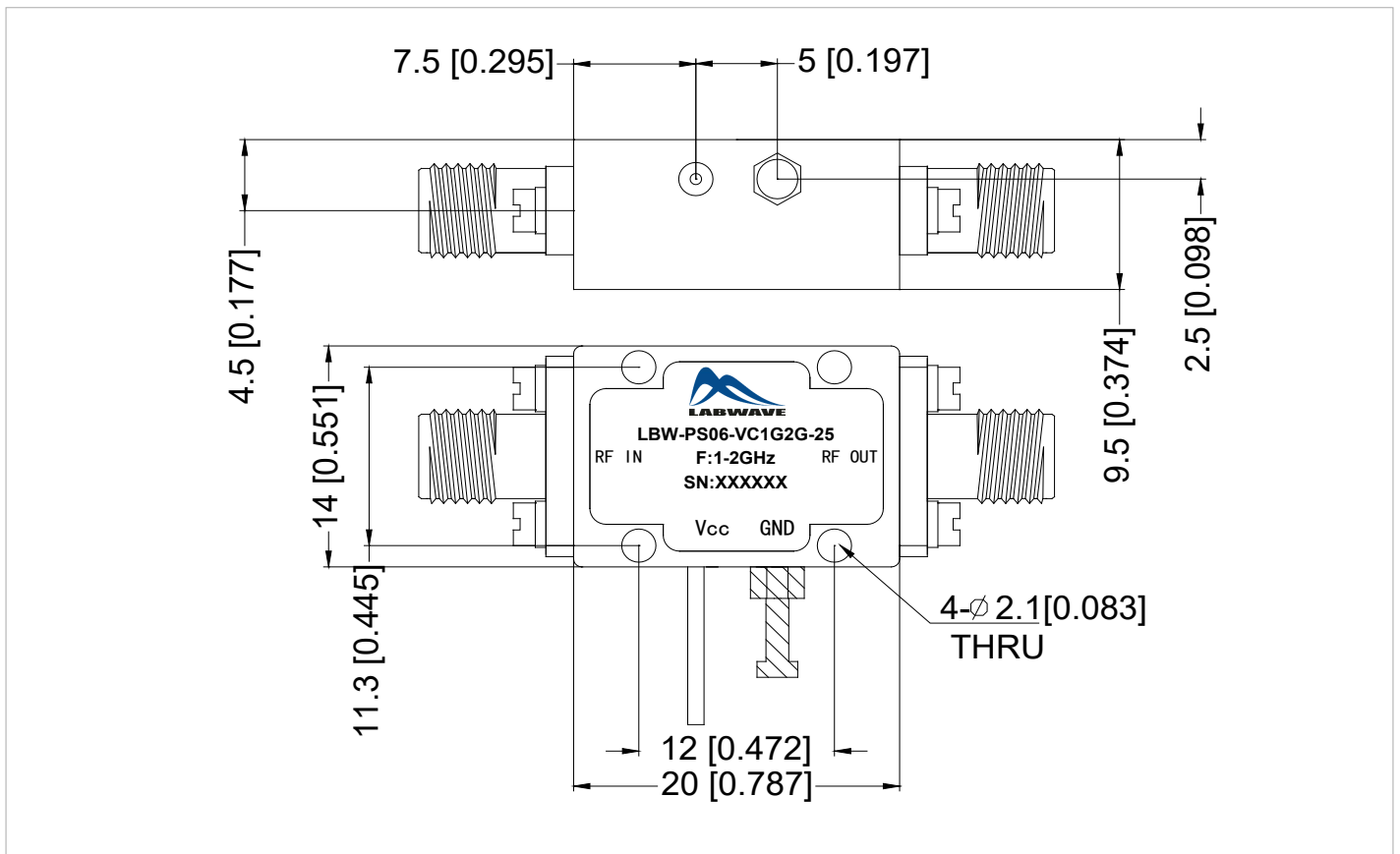
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions

Ordering Information

Part No.	Description
LBW-PS06-VC1G2G-25	1-2GHz Voltage Phase Shifter

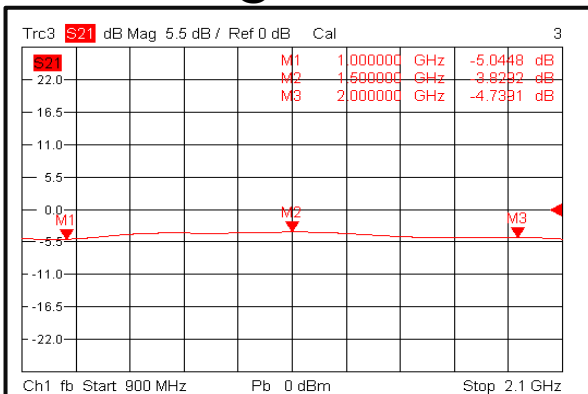
Outline Drawing:

All Dimensions in mm (inches) Housing Tolerances ± 0.1 (0.004)

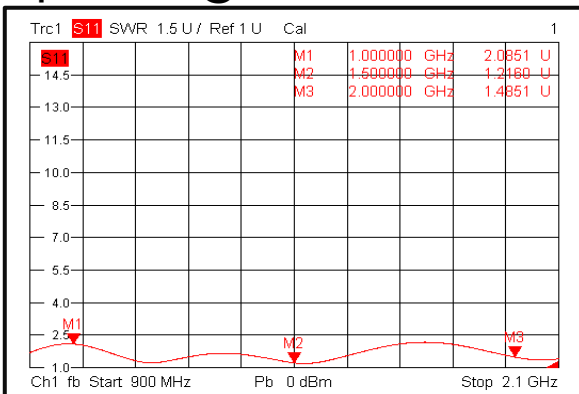


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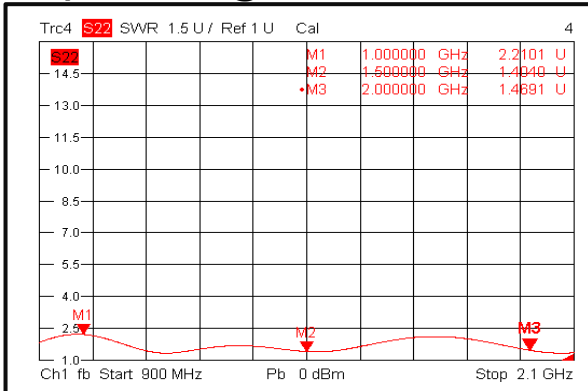
Insertion Loss @ +25°C



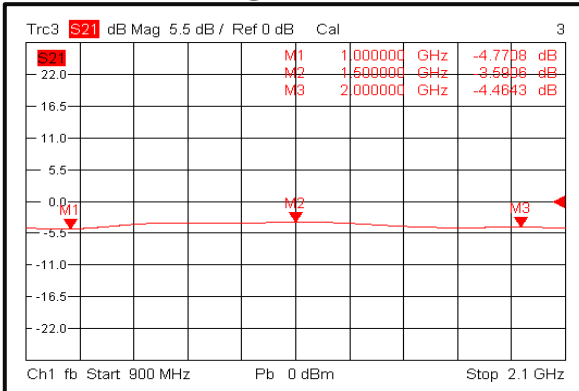
Input VSWR @ +25°C



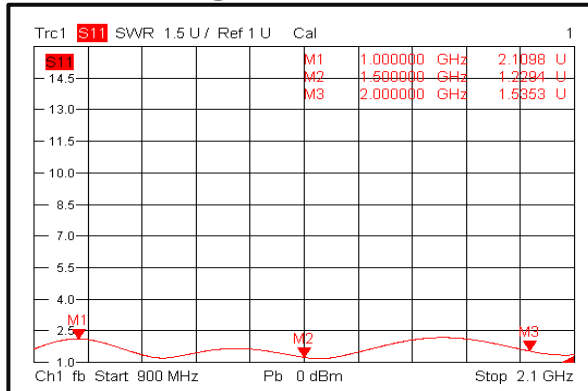
Output VSWR @ +25°C



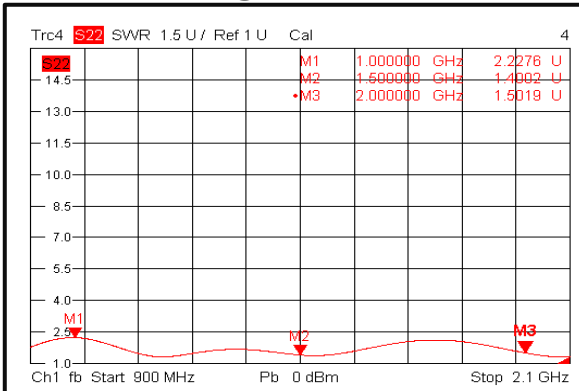
Insertion Loss @ -40°C



Input VSWR @ -40°C

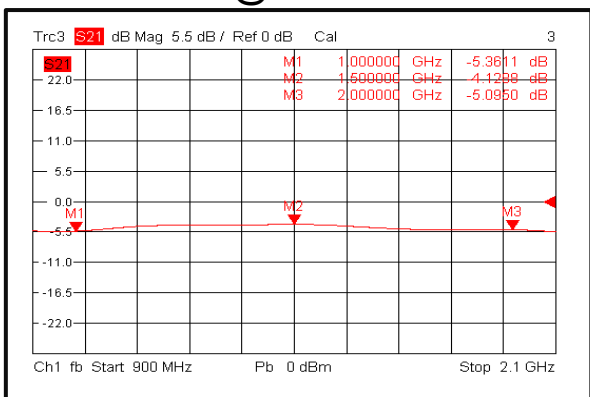


Output VSWR @ -40°C

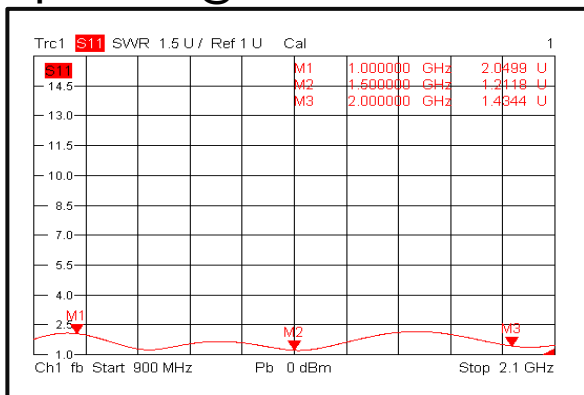


Фазовращатель, регулируемый напряжением 1 ГГц - 2 ГГц

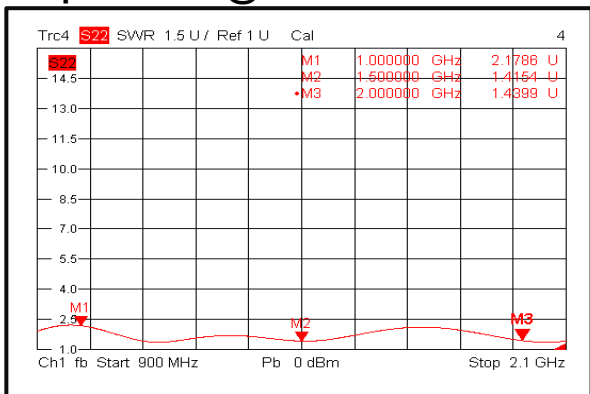
Insertion Loss @ +85°C



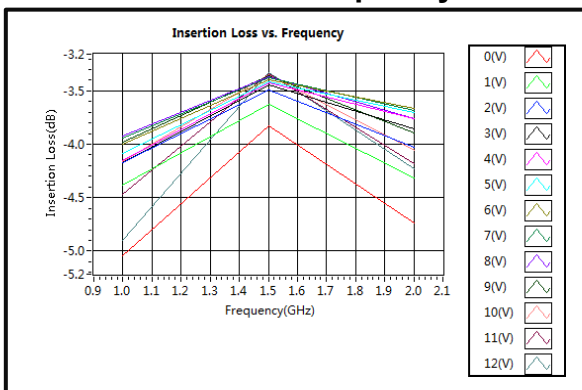
Input VSWR @ +85°C



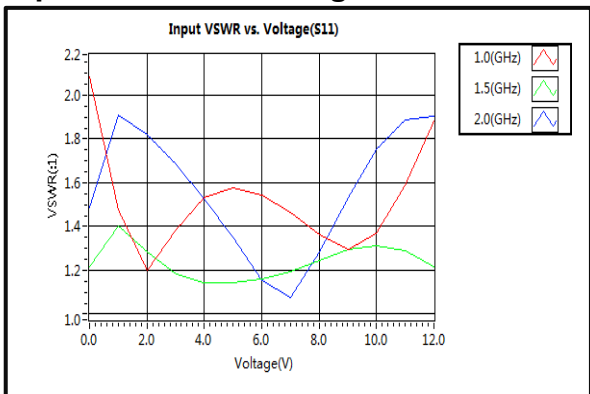
Output VSWR @ +85°C



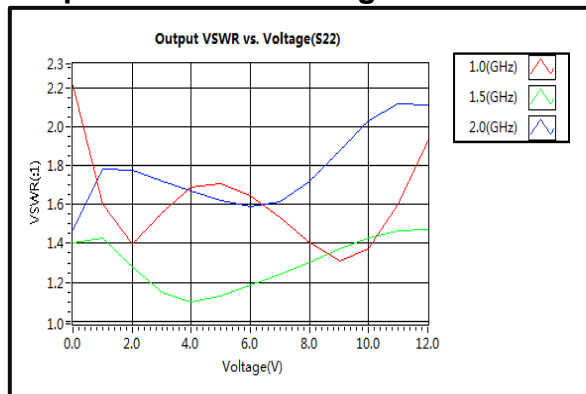
Insertion Loss vs. Frequency



Input VSWR vs. Voltage

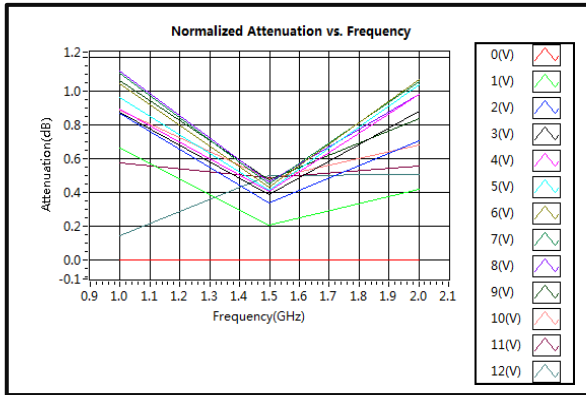


Output VSWR vs. Voltage

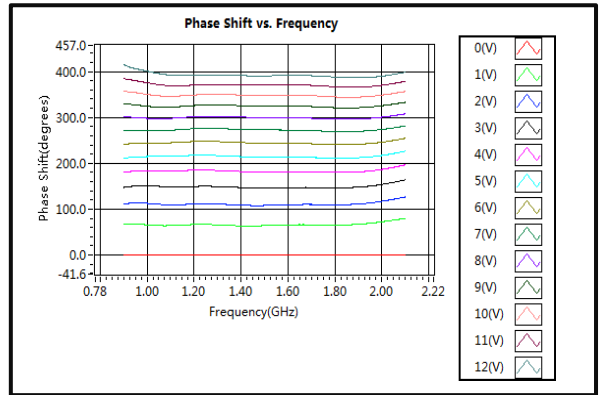


Фазовращатель, регулируемый напряжением 1 ГГц - 2 ГГц

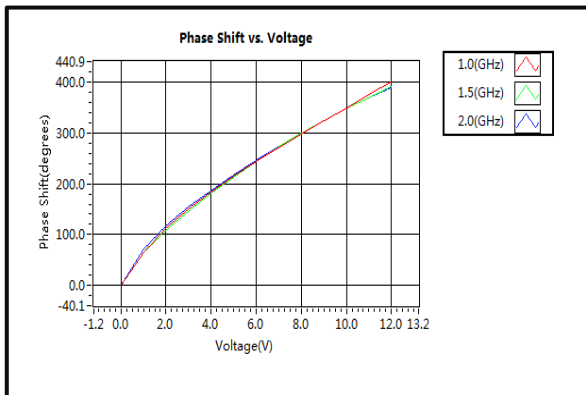
Normalized Attenuation vs. Frequency



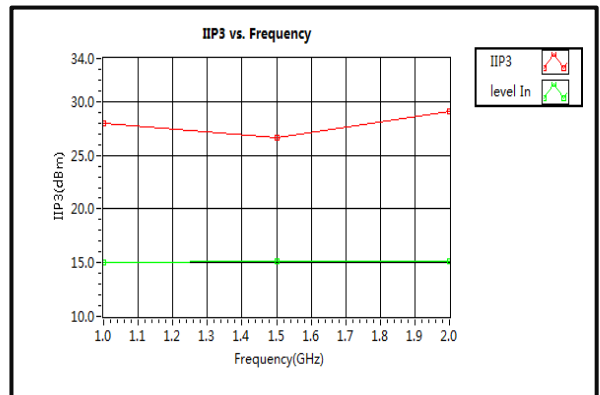
Phase Shift vs. Frequency



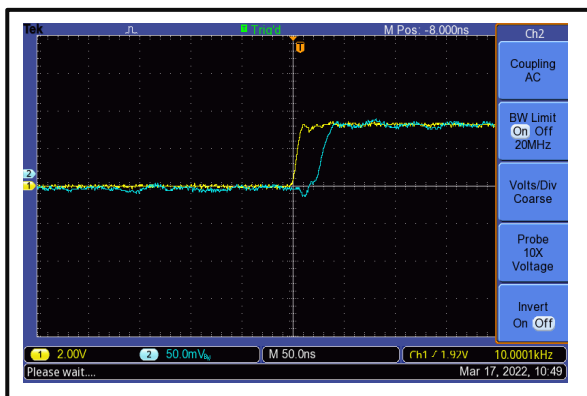
Phase Shift vs. Voltage



IIP3



Speed



Speed

