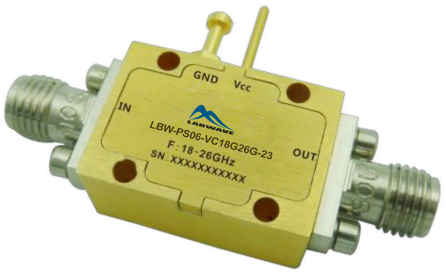
P/N:LBW-PS06-VC18G26G-23

Фазовращатель, регулируемый напряжением
18 ГГц - 26 ГГц

Характеристики:

- Широкий рабочий диапазон частот 18 ГГц - 26 ГГц
- Изменение фазы 360°
- Низкие вносимые потери
- Единая система управления
- Характеристики могут быть изменены по требованию заказчика



Parameters	Min	Typ.	Max	Units
Frequency Range	18		26	GHz
Phase Range		360		°
Insertion Loss		11	15	dB
Insertion Loss Temperature Coefficient		0.008		dB/ °C
Phase Flatness		±5	±25	°
Control Voltage	0	13		V
Input VSWR		2.5	3.5	:1
Output VSWR		2.5	3.5	:1
0.1dB Compression Point (P0.1dB)		23		dBm
Current	5			mA
Weight	0.71			ounces
Impedance	50			Ω
Input / Output Connectors	SMA-Female			
Finish	Gold Plated			
Material	Aluminum			
Seal	Hermetically Sealed (Optional)			

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Absolute Maximum Ratings

Control Voltage	0~ 15V
RF Input power	+26dBm

Ordering Information

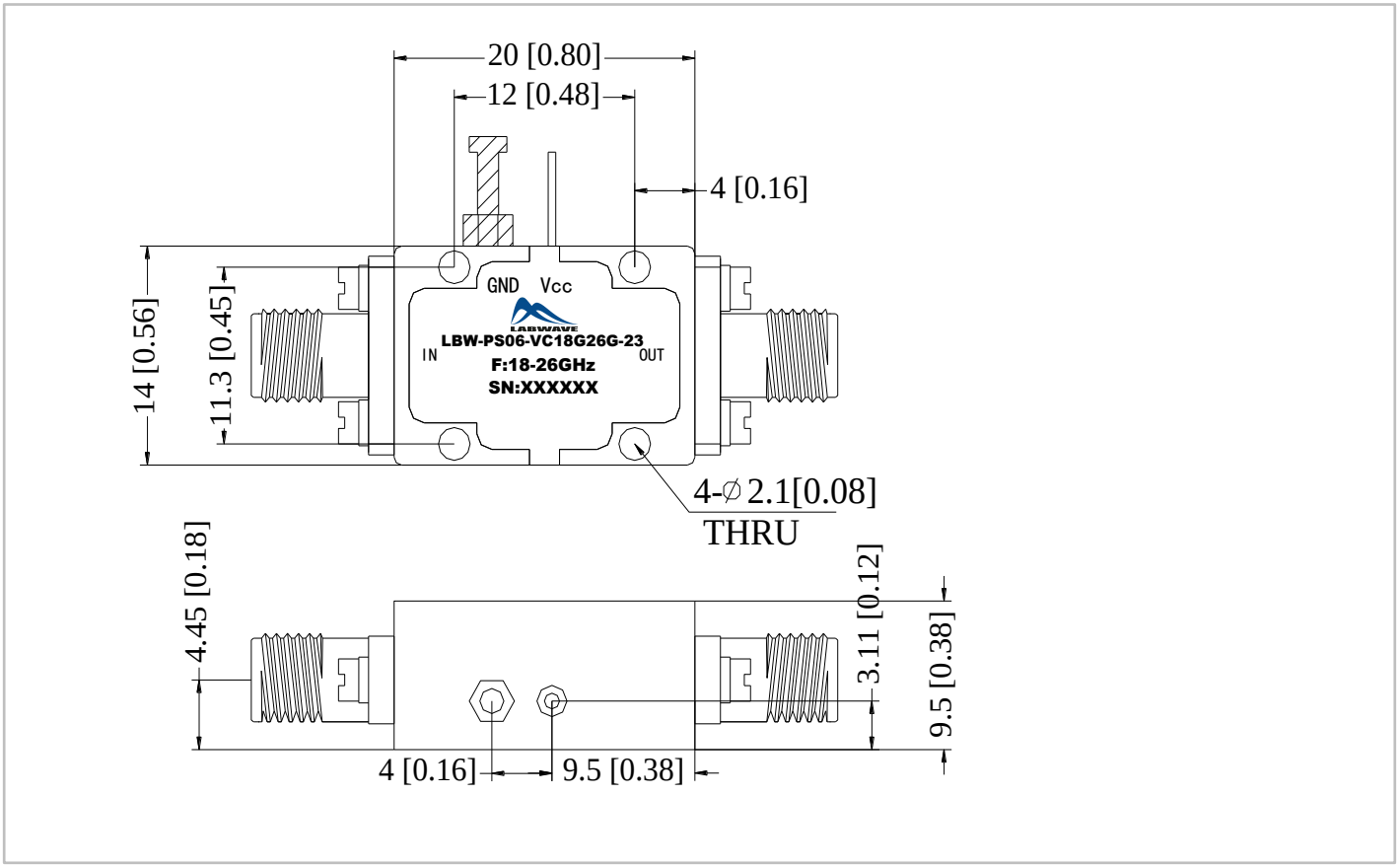
Part No.	Description
LBW-PS06-VC18G26G-23	18-26GHz Voltage Phase Shifter

Environmental Specifications

Operational Temperature	-40ºC~+85ºC
Storage Temperature	-50ºC~+105ºC
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 35ºc, 95%RH at 40ºc
Shock	20G for 11msec half sine wave,3 axis both directions

Outline Drawing:

All Dimensions in mm (inches)



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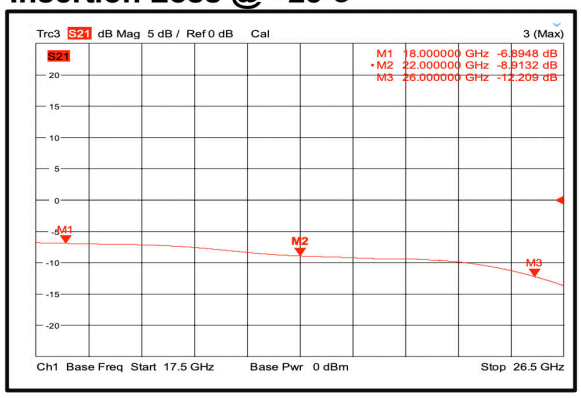
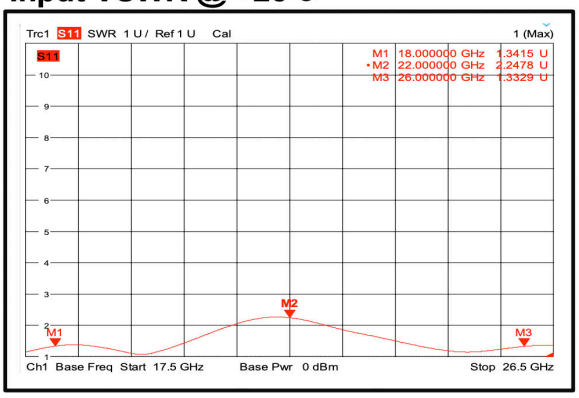
Фазовращатель, регулируемый напряжением 18 ГГц - 26 ГГц

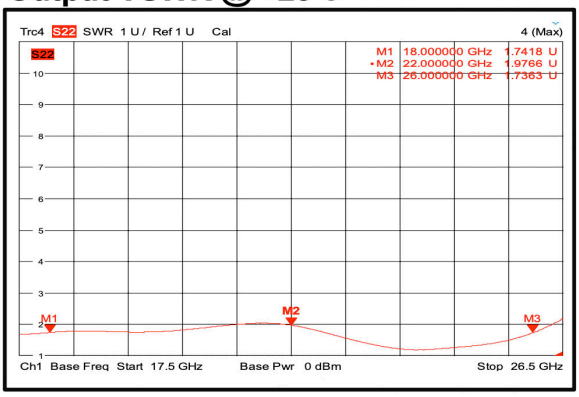
Insertion Loss @ +25℃



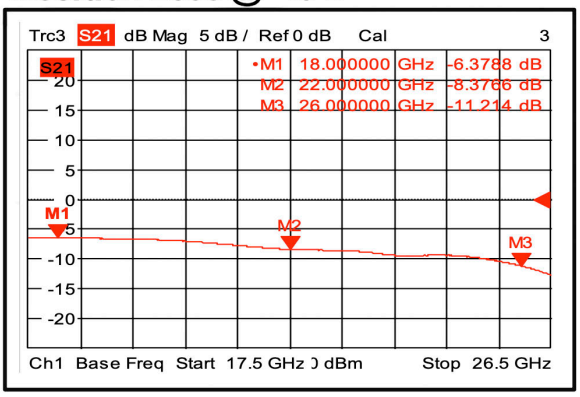
Input VSWR @ +25℃



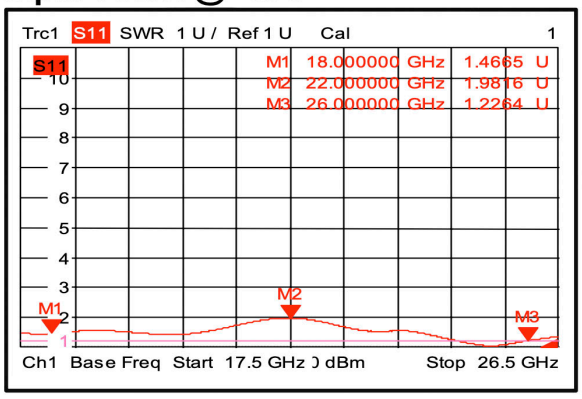
Output VSWR @ +25℃



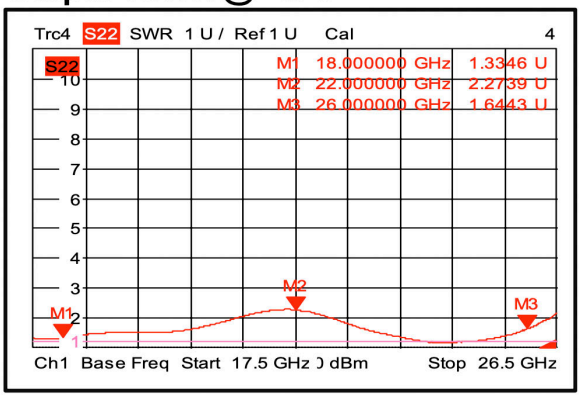
Insertion Loss @ -40℃



Input VSWR @ -40℃



Output VSWR @ -40℃



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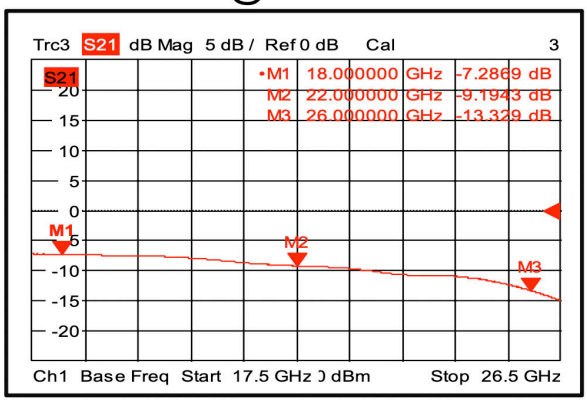
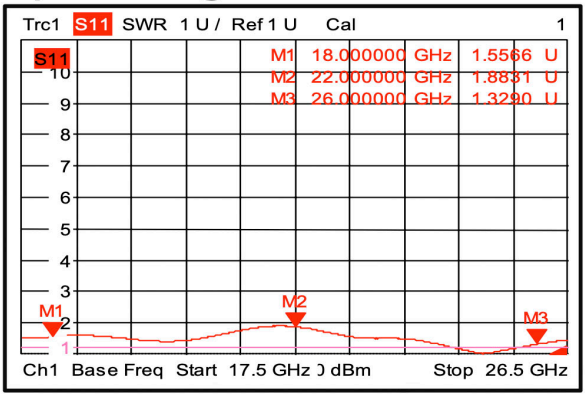
Фазовращатель, регулируемый напряжением 18 ГГц - 26 ГГц

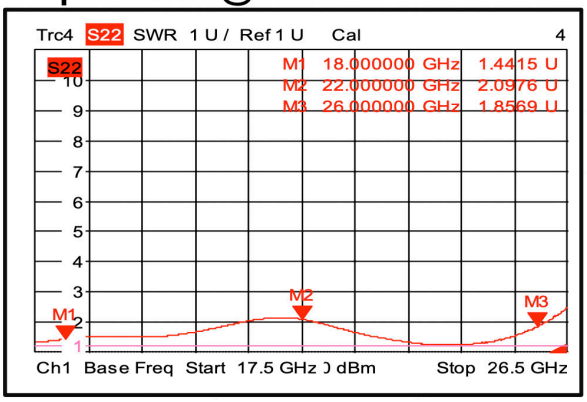
Insertion Loss @ +85℃



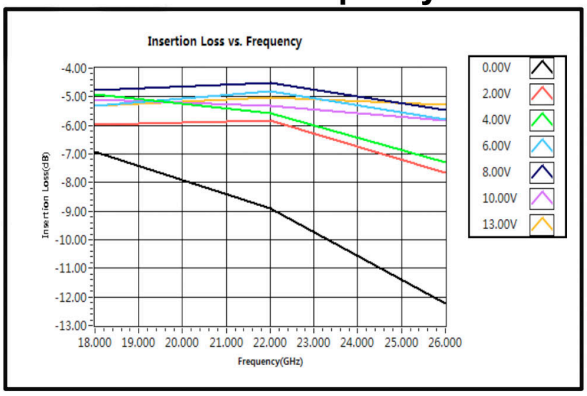
Input VSWR @ +85℃



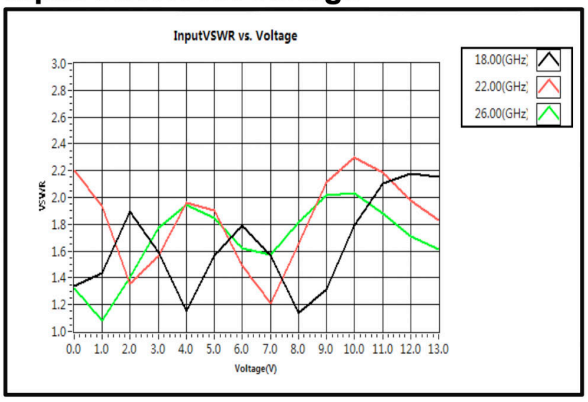
Output VSWR @ +85℃



Insertion Loss vs. Frequency



Input VSWR vs. Voltage

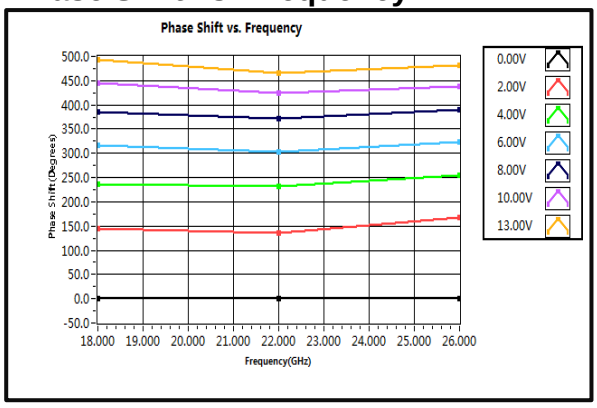


Output VSWR vs. Voltage

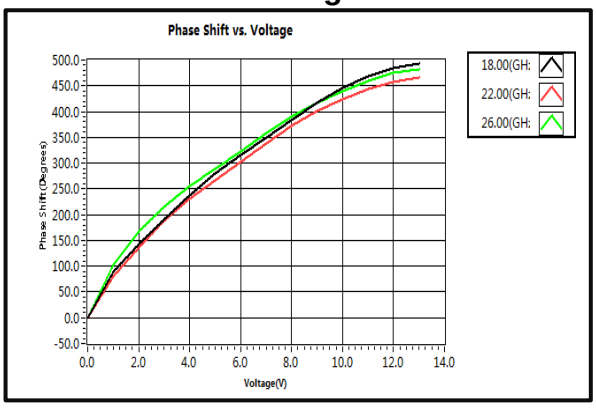
P/N:LBW-PS06-VC18G26G-23

Фазовращатель, регулируемый напряжением 18 ГГц - 26 ГГц

Phase Shift vs. Frequency



Phase Shift vs. Voltage



Attenuation vs. Frequency