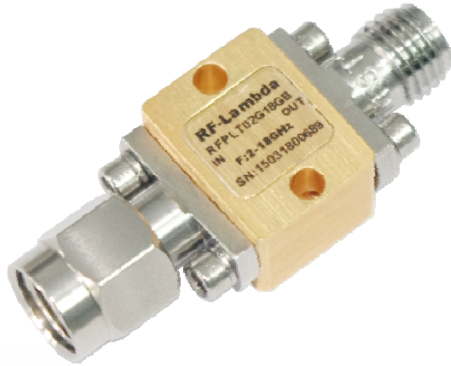




## 2-18 GHz Power Limiter



### Features

- Ultra Wide Band Operation 2-18GHz
- Passive, High Isolation Limiter
- Low Insertion Loss and Good Return Loss
- High Power Handle Capability up to 6W
- Customization available upon request



### Electrical Specifications, $T_A=25\text{ }^\circ\text{C}$

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	2-8		8-18				GHz
CW Input Power			6			6	CW
Peak Power(30us with 5% duty cycle)			20			20	W
Insertion Loss		1.2	1.5		1.6	2	dB
VSWR		1.6	2		1.7	2	
Flat Leakage		17			17		dBm
Peak Power Leakage			30			30	dBm
Operating Temperature	-45 ~ +85						$^\circ\text{C}$
Weight	8						g
Input / Output Connector	SMA-Male/SMA-Female						
Material	Aluminum						
Finishing	Gold Plating						

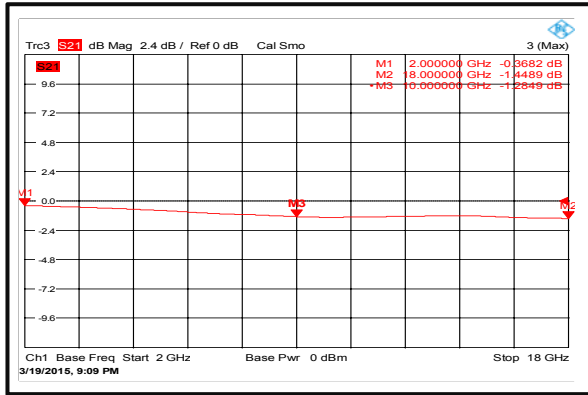
### Environment specifications

Operational Temperature ( $^\circ\text{C}$ )	-45 to +85
Storage Temperature ( $^\circ\text{C}$ )	-55 to +125
Altitude	30,000 ft. (Epoxy Seal Controlled environment) 60,000 ft 1.0psi min (Hermetically Seal Un-controlled environment) ( Optional )
Vibration	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc half sin wave,3 axis both directions

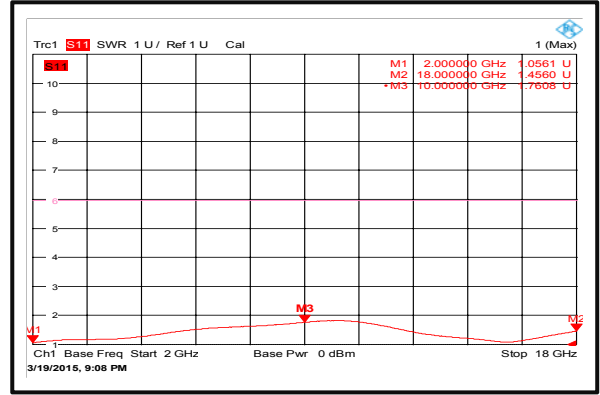


### Typical Performance Plots

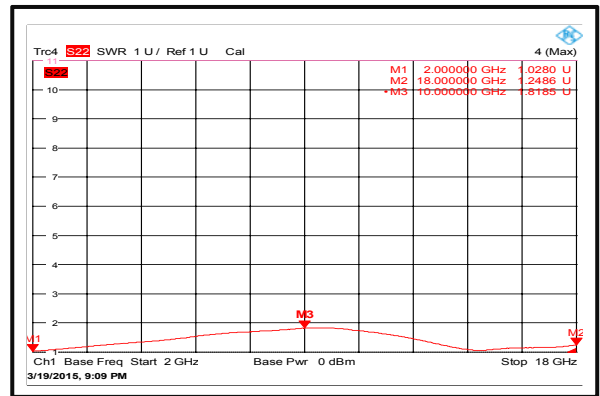
#### Insertion Loss



#### Input VSWR



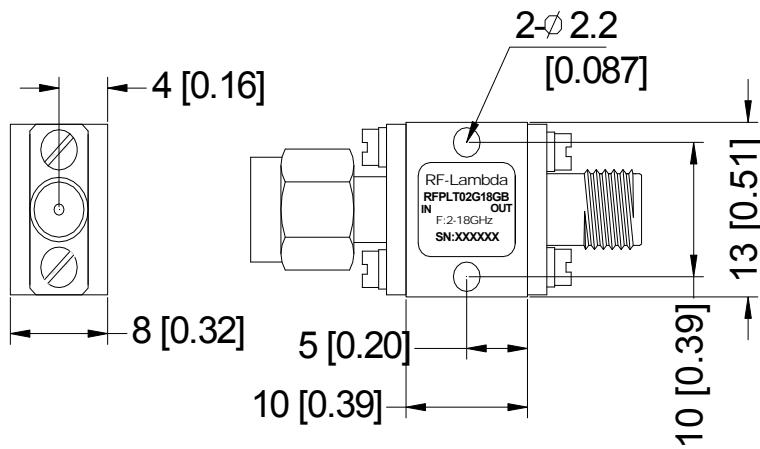
#### Output VSWR



### Outline Drawing:

All Dimensions in mm (inches)

Tolerance  $\pm 0.1$  (0.0039)



### Important Notice

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