



2-26GHz Power Limiter



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

Features

- Ultra Wide Band Operation 2-26GHz
- Passive, High Isolation Limiter
- Low Insertion Loss and Good Return Loss
- High Power Handle Capability up to 10W
- Customization available upon request

Parameters	Min.	Typ.	Max.	Units
Frequency Range	2		26	GHz
CW Input Power			37	dBm
Peak Power Handling (pulsed)			40	dBm
Insertion Loss		1.8	2	dB
VSWR		1.8	2	
Flat Leakage Power at PIN > 30 dBm			18	dBm
Peak Power Leakage			20.5	dBm
Operating Temperature	-45 to 85			$^{\circ}\text{C}$
Weight	1.06			ounces
Input / Output Connector	2.92mm-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



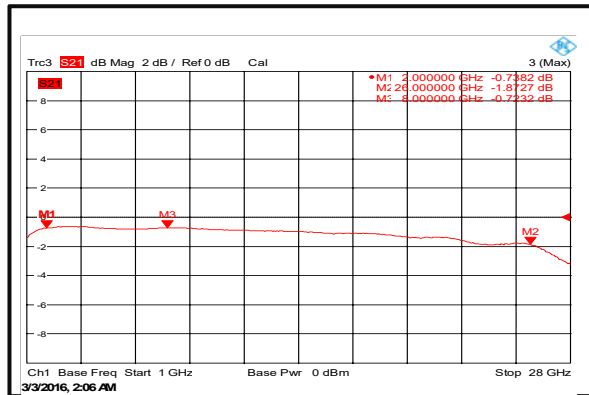
RF-LAMBDA

LEADER OF BROADBAND SOLUTIONS

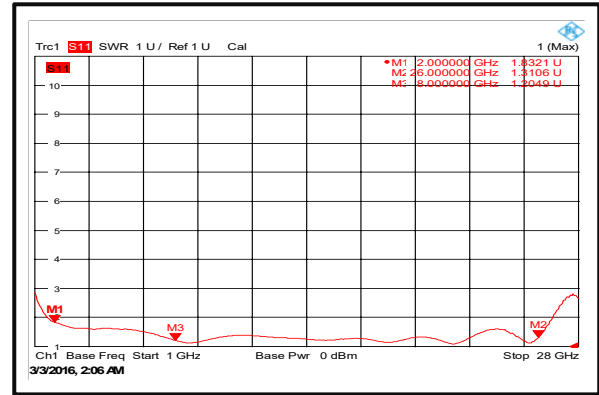
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Typical Performance Plots

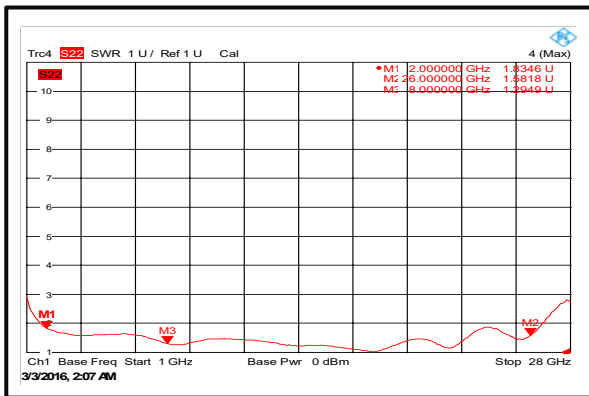
Insertion Loss



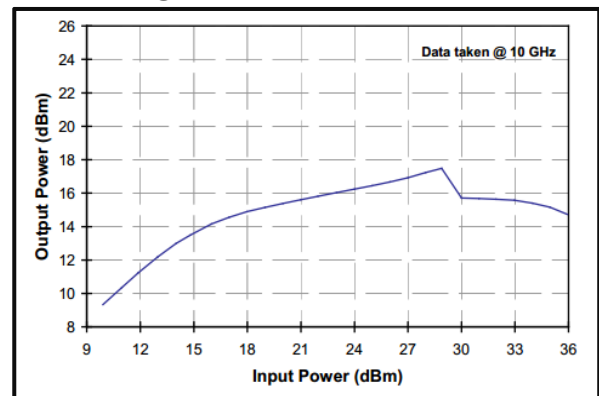
Input VSWR



Output VSWR

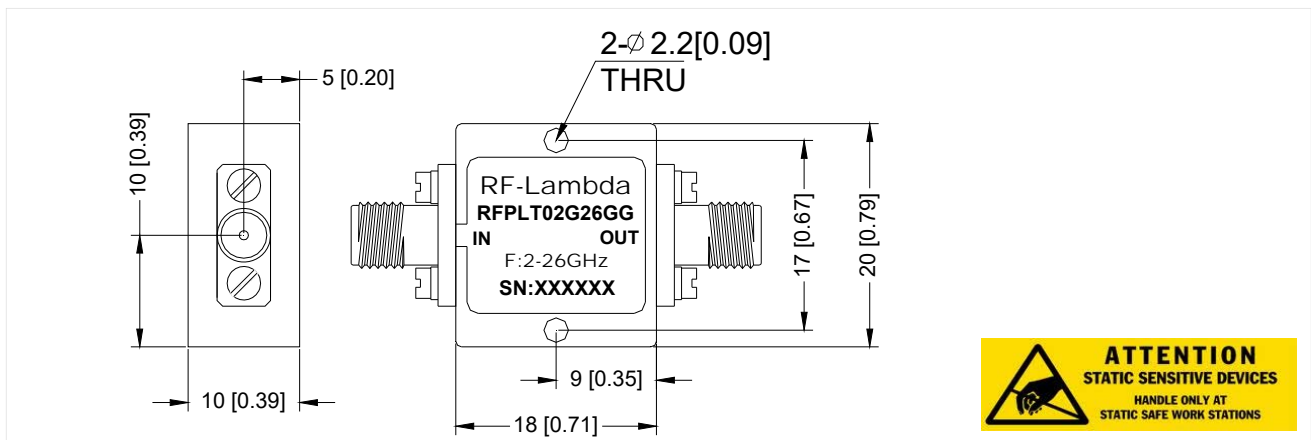


Flat Leakage



Outline Drawing:

All Dimensions in mm (inches) Tolerance ± 0.1 (0.004)



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