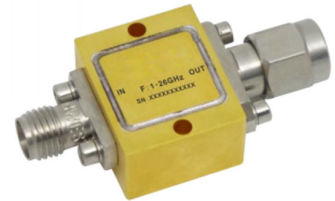




1-26GHz Hermetical Sealed Power Limiter

Features

- Ultra Wide Band Operation 1-26GHz
- 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.	Min.	Typ.	Max.	Units
Frequency Range	1 ~ 4		4 ~ 26				GHz
CW Input Power		25	27		25	27	dBm
Peak Power Handling (1.0 μ s pulse width, 1% duty cycle, \leq 15 ns rise time)			45			45	dBm
Insertion Loss		1	1.5		2.5	3.5	dB
VSWR		1.5	2		1.6	2	: 1
Flat Leakage Power		15	17		14	15	dBm
Peak Power Leakage		18	19		16	17	dBm
Weight	1.2						ounces
Input / Output Connectors	SMA-Female / SMA-Male						
Material	Aluminum						
Finishing	Gold Plating						
Sealing	Hermetically Sealed (Laser Welded)						

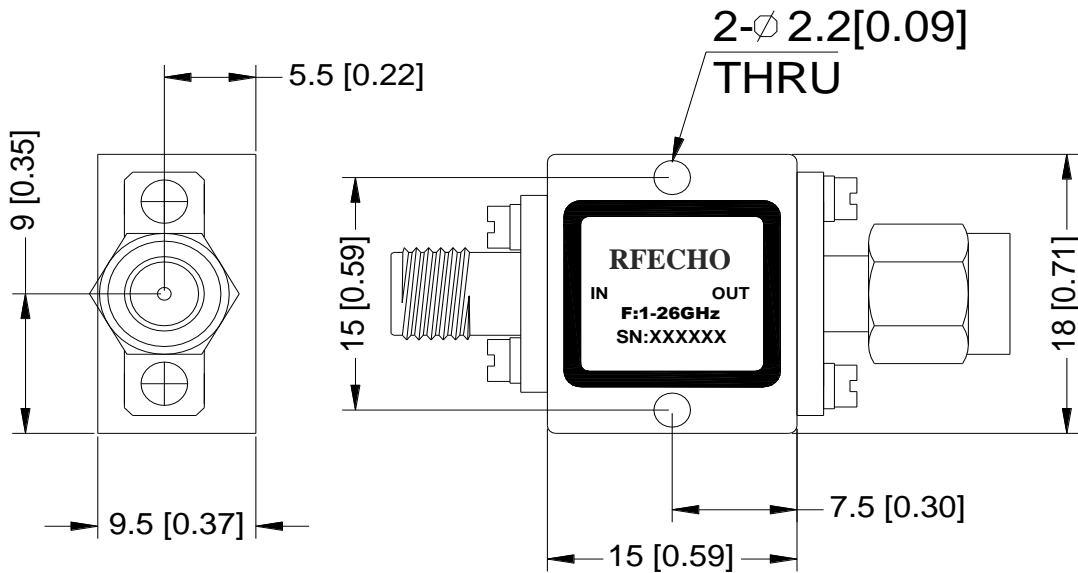
Environmental Specifications

Operational Temperature (°C)	-45 to +85
Storage Temperature (°C)	-55 to +125
Altitude	35,000 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 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions

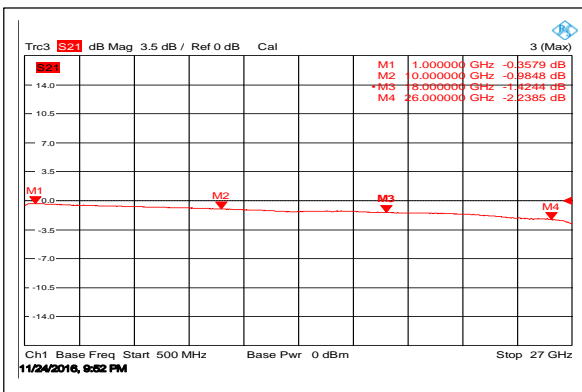


Outline Drawing:

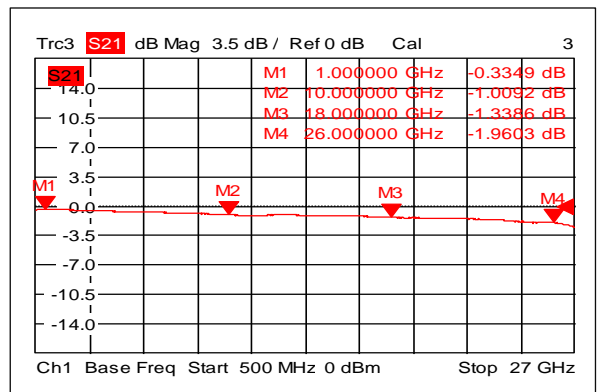
All Dimensions in mm (inches) Tolerance ± 0.1 (0.004)



Insertion Loss @ 25°C

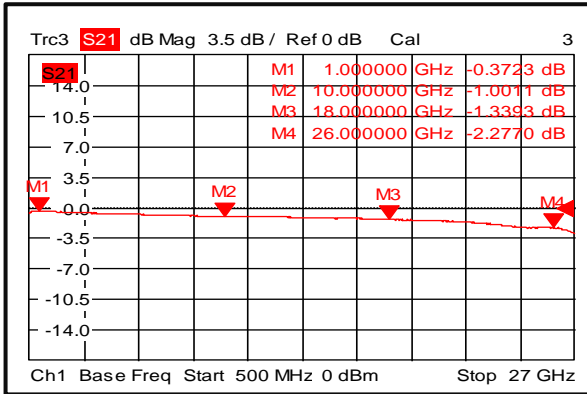


Insertion Loss @ -45°C

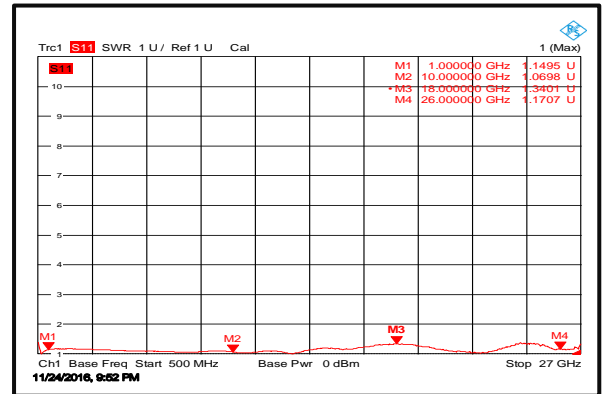




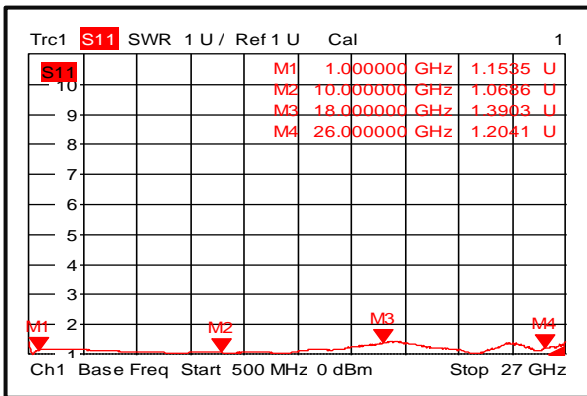
Insertion Loss @ +85°C



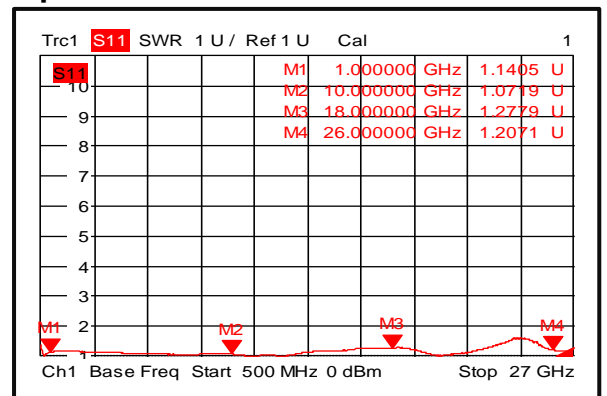
Input VSWR @ 25°C



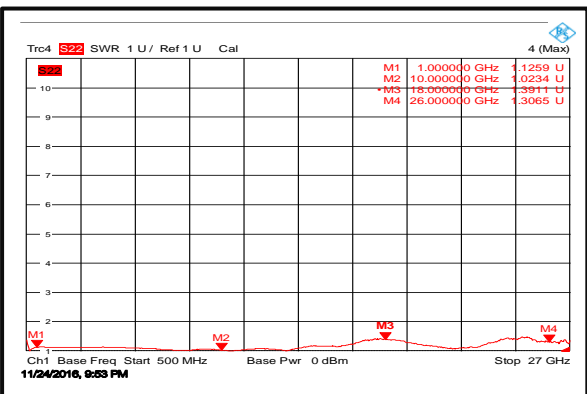
Input VSWR @ -45°C



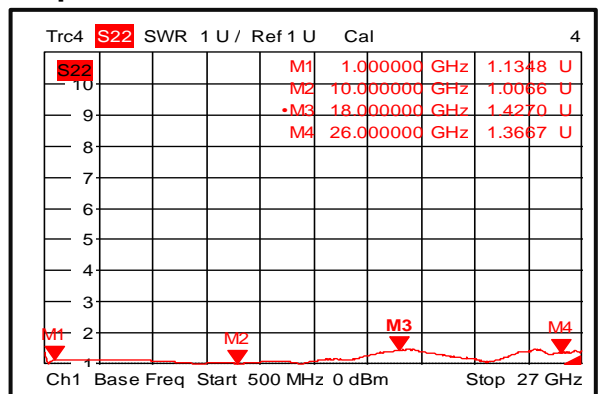
Input VSWR @ +85°C



Output VSWR @ 25°C

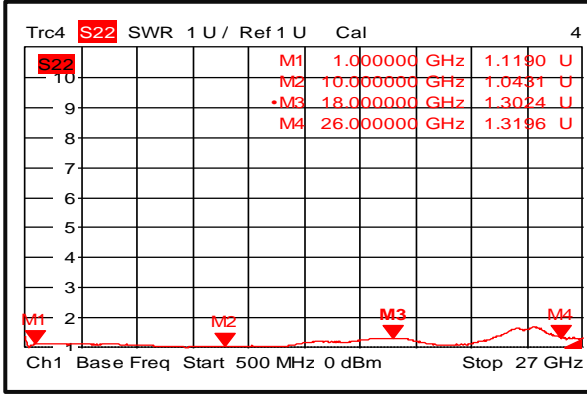


Output VSWR @ -45°C

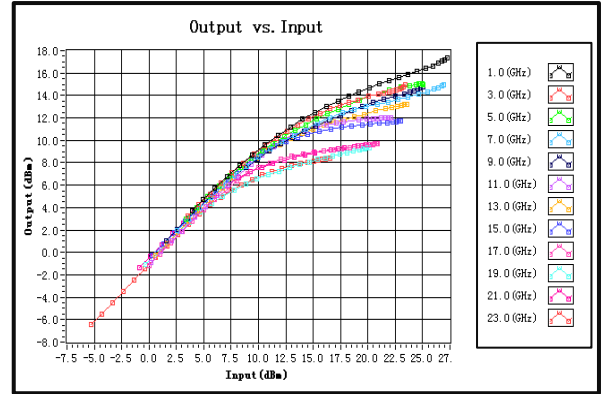




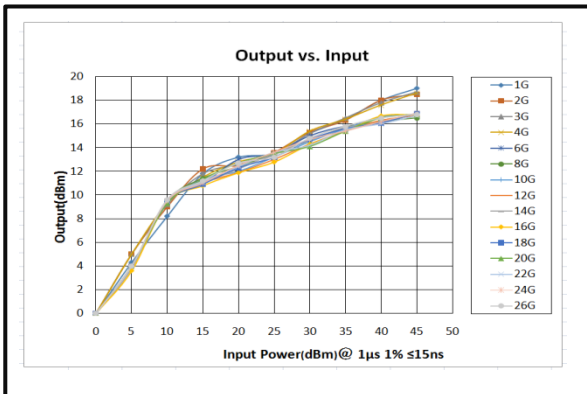
Output VSWR @ +85°C



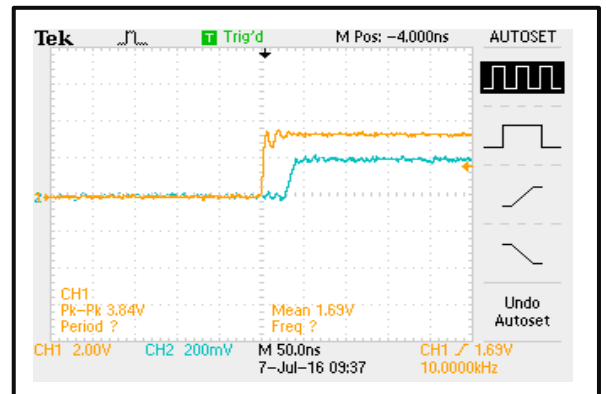
Flat Leakage Power



Peak Power Leakage



Limiting Speed



Recovery time

