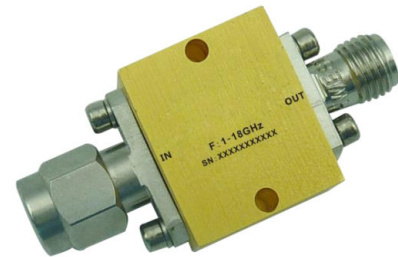




1-18GHz Power Limiter

Features

- Wide Band Operation 2-18GHz
- Passive, High Isolation Limiter
- Low Insertion Loss
- High Power Handling
- Customization available upon request



Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	1		6	6		18	GHz
Input Power (CW)			6			2	W
Peak Power (30us with 5% duty cycle)			20			10	W
Insertion Loss		1.2	1.5		1.8	2.1	dB
VSWR		1.5	1.8		1.5	1.8	: 1
Flat Leakage		19	21.5		17	21	dBm
Peak Power Leakage			25			25	dBm
Weight	0.75Max.						Ounces
Input / Output Connectors	SMA - Male / SMA - Female						
Material	Aluminum						
Finish	Gold Plated						

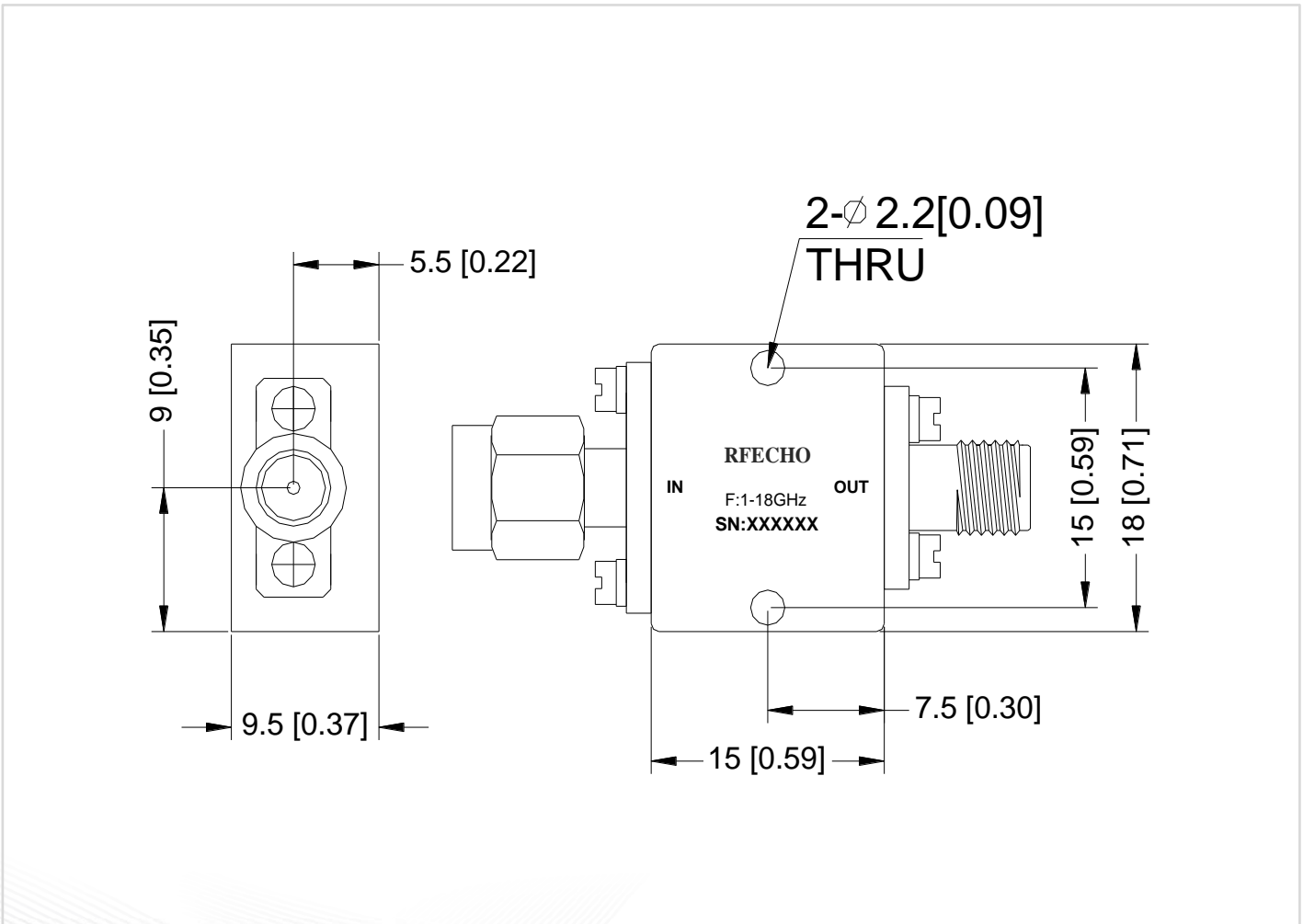


Environmental Specifications

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

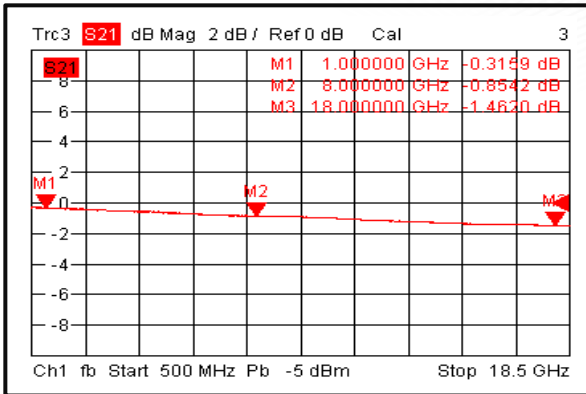
Outline Drawing:

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

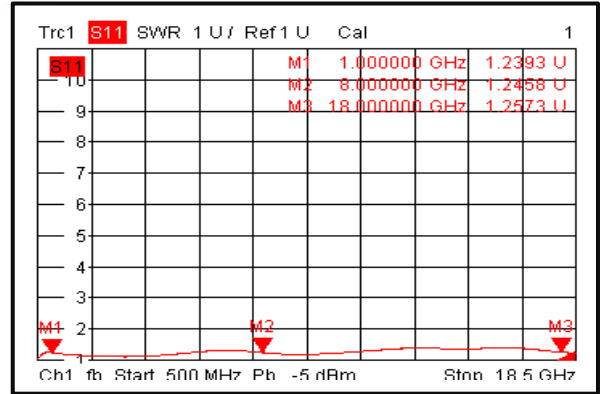




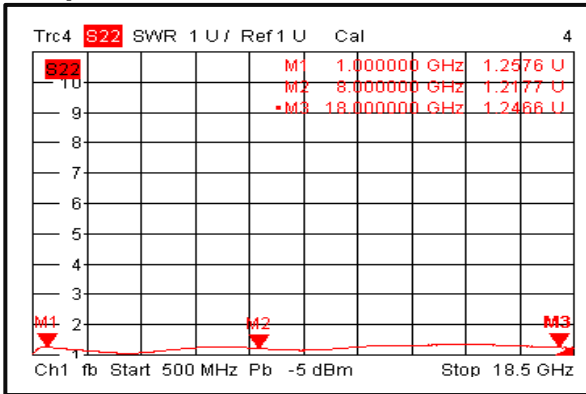
Insertion Loss @+25°C



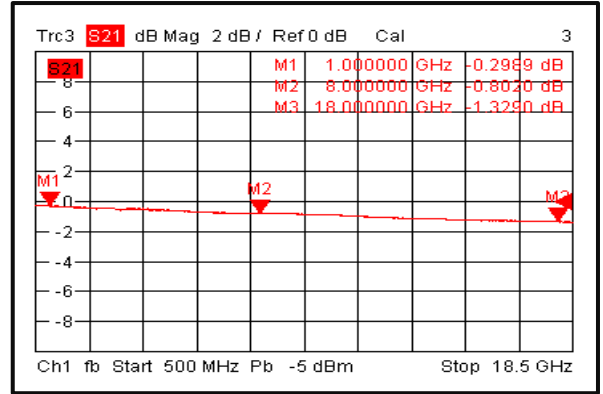
Input VSWR @+25°C



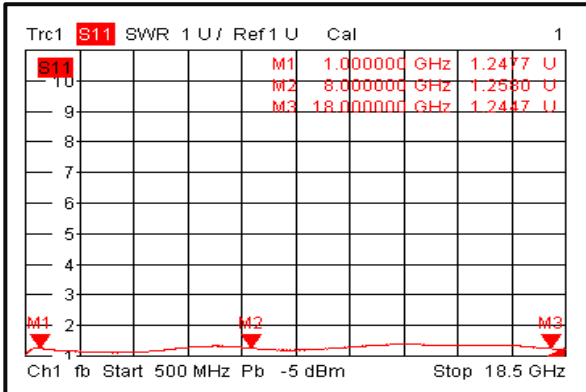
Output VSWR @+25°C



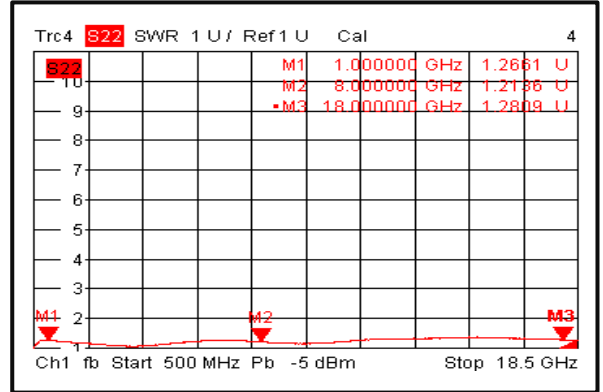
Insertion Loss @-40°C



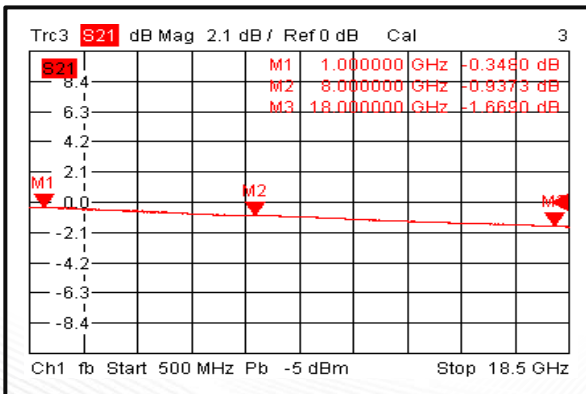
Input VSWR @-40°C



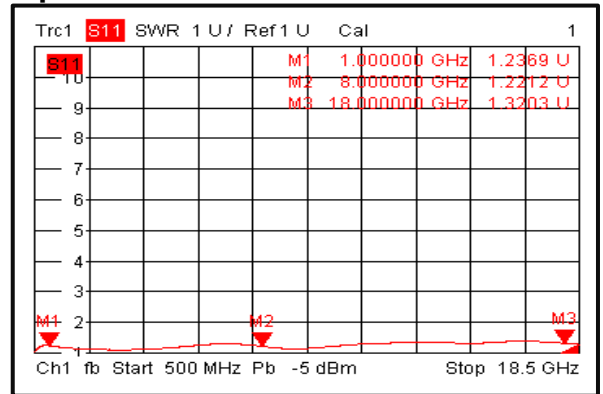
Output VSWR @-40°C



Insertion Loss @+85°C

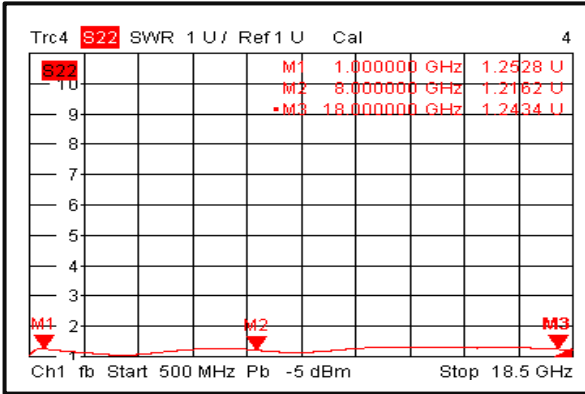


Input VSWR @+85°C

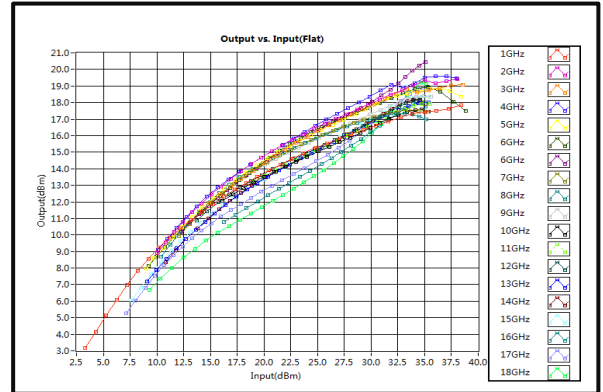




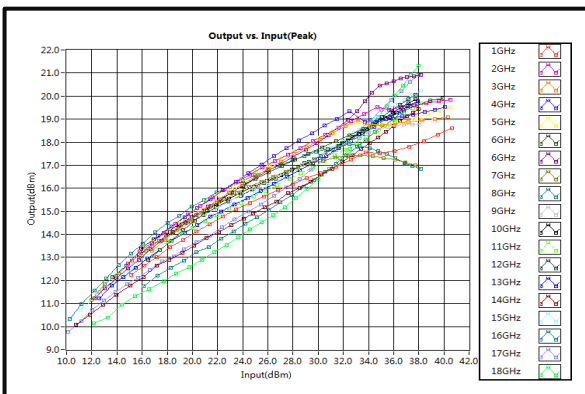
Output VSWR @+85°C



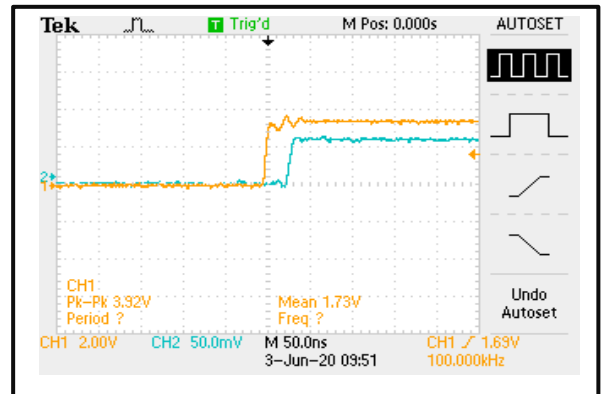
Flat Leakage Power



Peak Power Leakage



Limiting Speed



Recovery time

