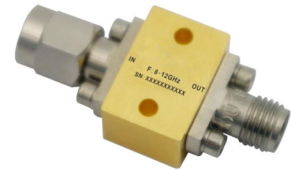




8-12GHz Power Limiter

Features

- Wide Band Operation 8-12GHz
- Functional Bandwidth : 8GHz to 18GHz
- Passive, High Isolation Limiter
- Low Insertion Loss
- High Power Handling
- Customization available upon request



Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	8		12	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		1.7	2.0	dB
VSWR		1.3	1.6		1.5	1.8	: 1
Flat Leakage		17	20.5		17	20.5	dBm
Peak Power Leakage		20	25		20	25	dBm
Weight	0.71						Ounces
Input / Output Connectors	SMA-Male/SMA-Female						
Material	Aluminum						
Finish	Gold Plated						

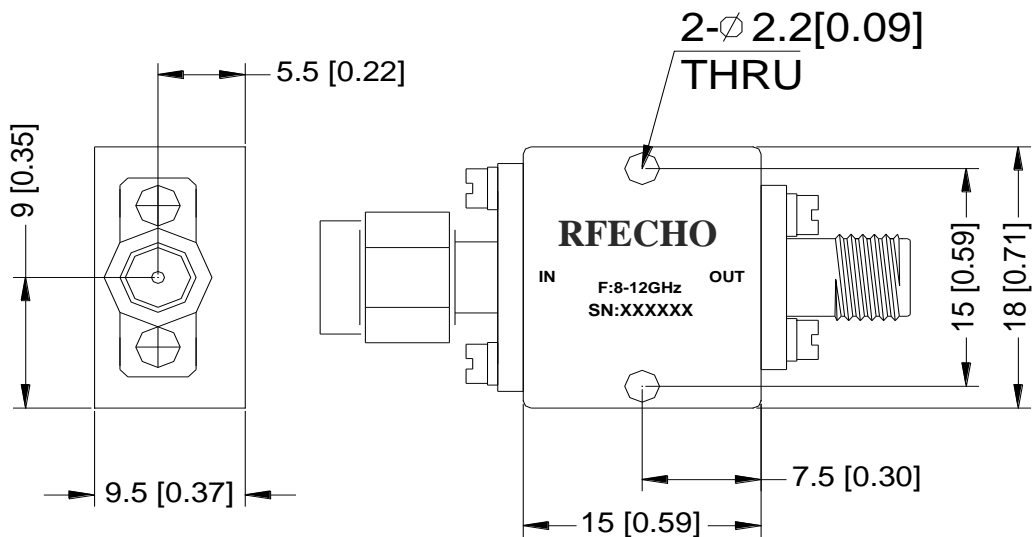


Environmental Specifications

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

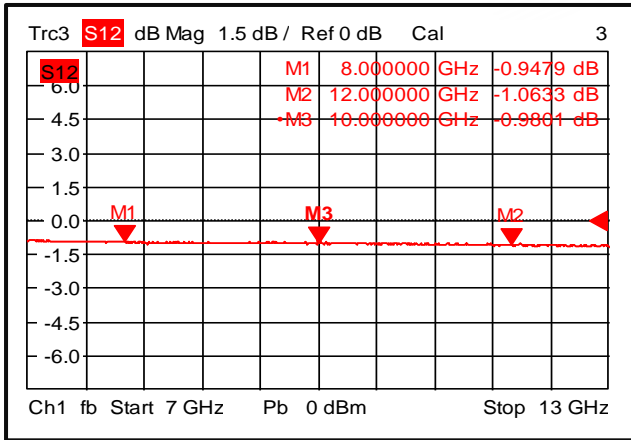
Outline Drawing:

All Dimensions in mm (inches) Tolerance ± 0.15 (0.006)

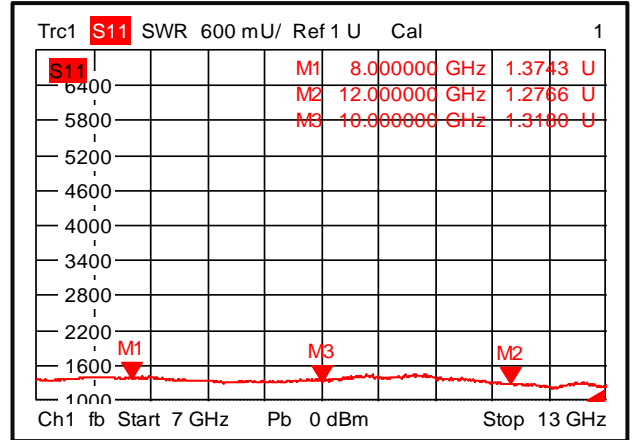




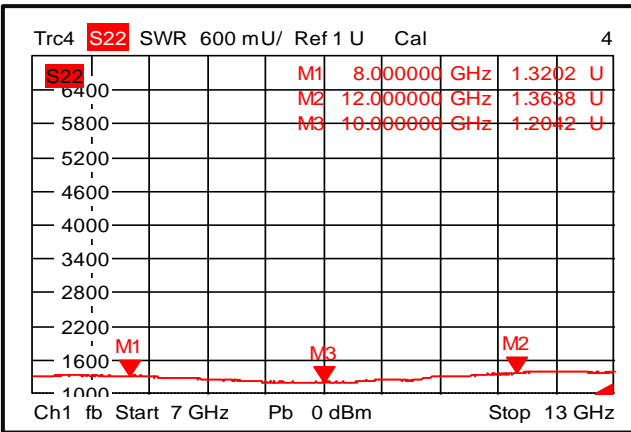
Insertion Loss @+25°C



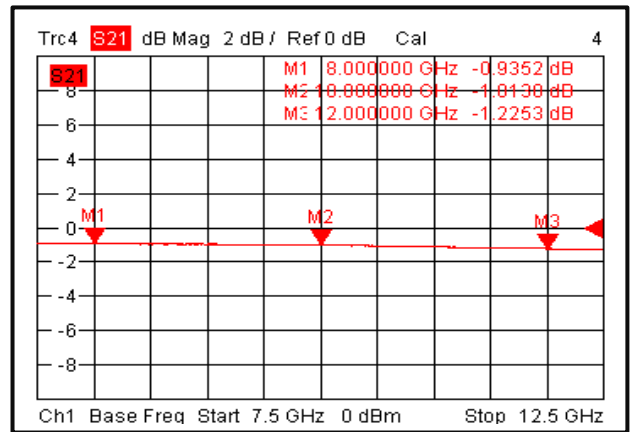
Input VSWR @+25°C



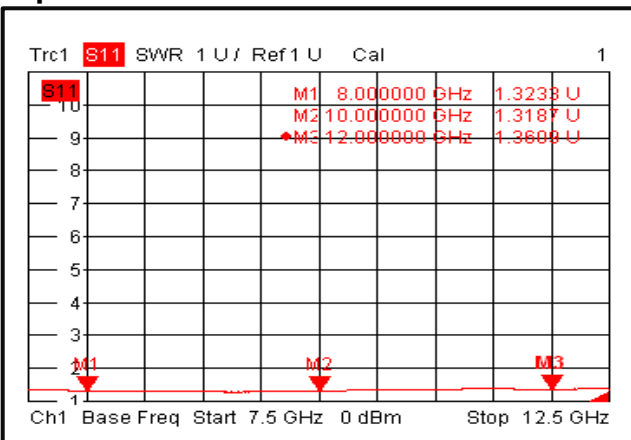
Output VSWR @+25°C



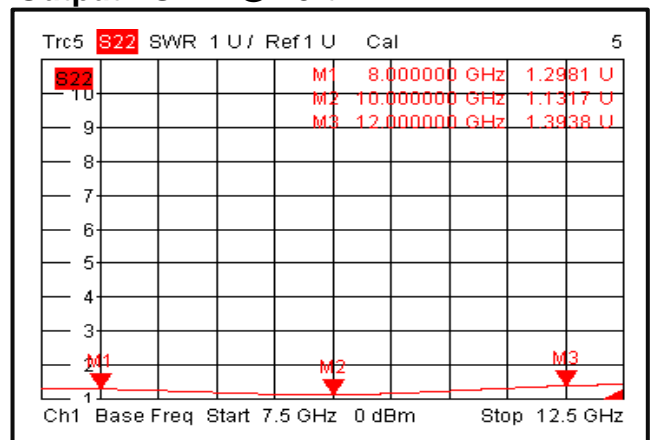
Insertion Loss @-45°C



Input VSWR @-45°C

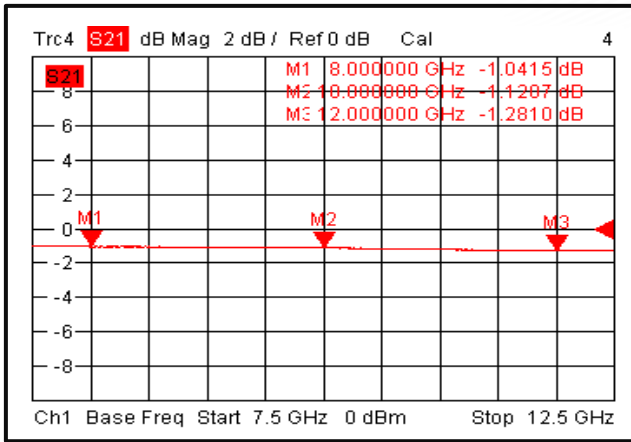


Output VSWR @-45°C

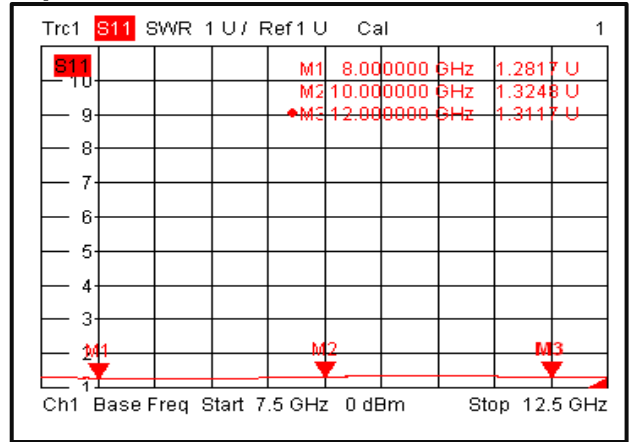




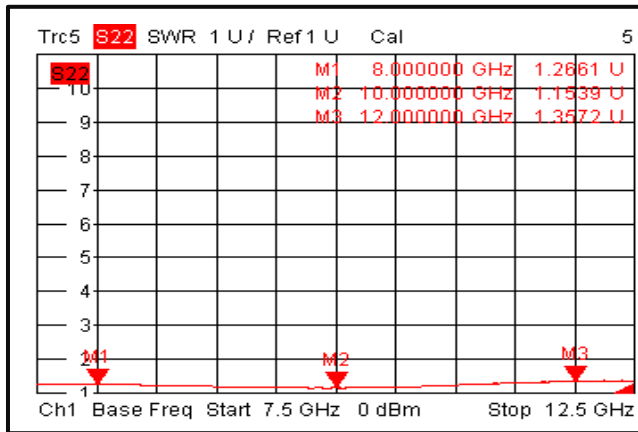
Insertion Loss @+85°C



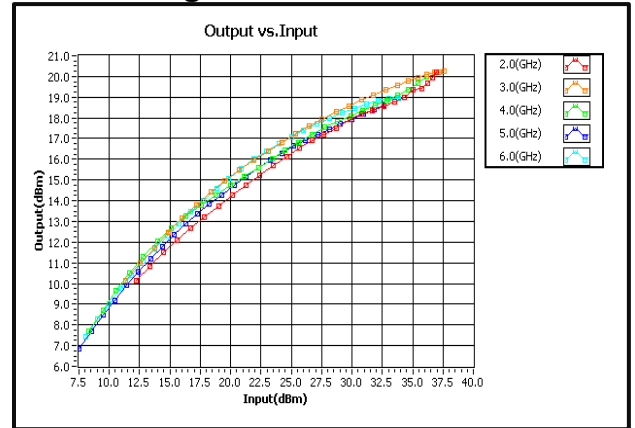
Input VSWR @+85°C



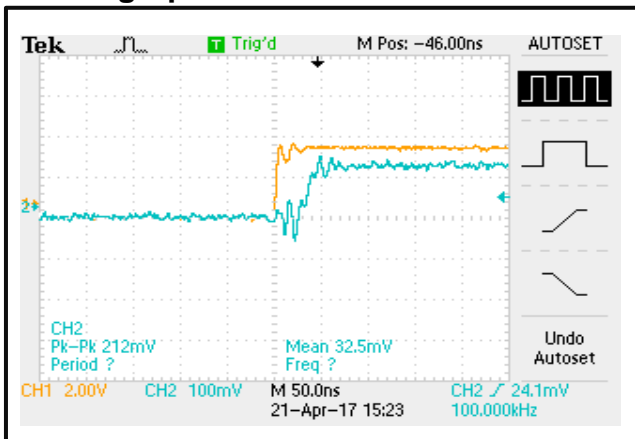
Output VSWR @+85°C



Flat Leakage Power



Limiting Speed



Recovery Time

