



100W Wide Band Power Limiter 0.05 - 6 GHz



Features

- Ultra Wide Band Operation 0.05-6GHz
- Passive, High Isolation Limiter
- Low Insertion Loss and Good Return Loss
- High Power Handling: 100W

Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	0.05-1			1-6			GHz
Incident Power, CW, 50Ω , 25 °C			80			80	W
Incident Power, CW, 50Ω , 85 °C			65			65	W
Incident Power, Pulsed (PW = 10μs, DC = 10%), 50 , 85 °C			100			100	W
Insertion Loss		0.9			1.8		dB
VSWR		1.5			2		: 1
Flat Leakage at PIN > 30 dBm		17			16.5		dBm
Peak Power Leakage		18			18		dBm
Weight	/						ounces
Input / Output Connectors	N-Female / N-Male						
Material	Aluminum						



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 ± 0.16 (0.006)

