

AMPLIFIER MODULE
290 - 320 MHz
120 Watts
Gain: 40 dB



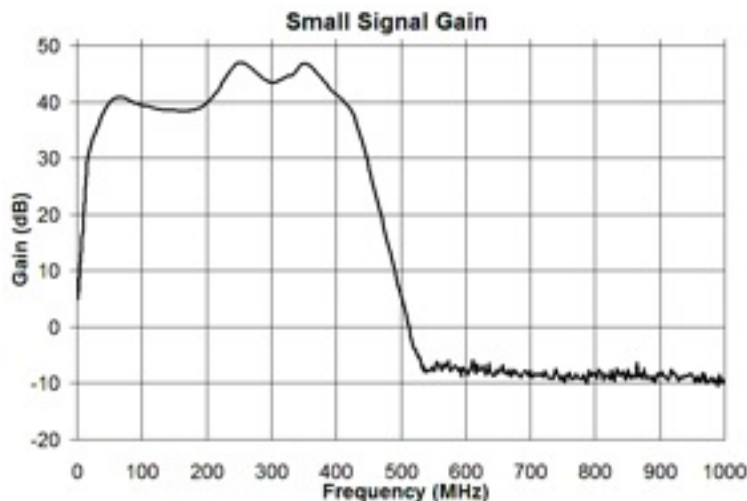
High Efficiency, Rugged

P/N 320-290-120-40-8IS

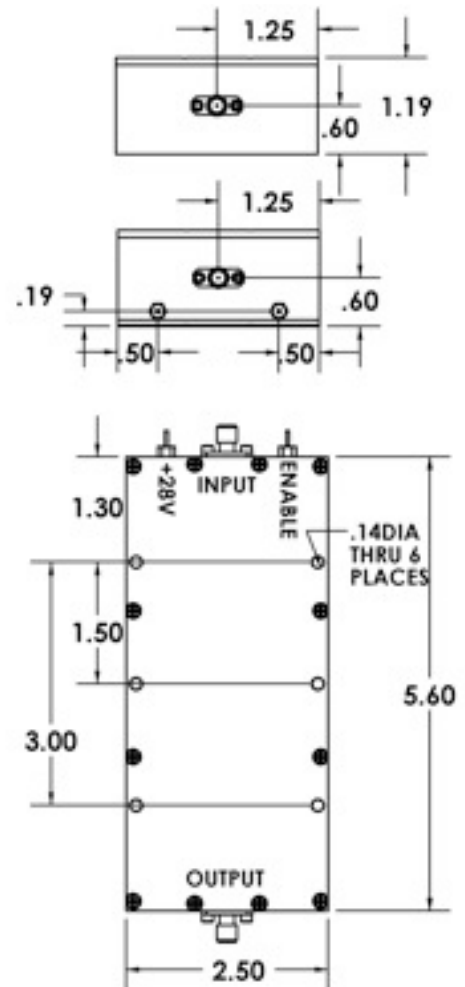
PERFORMANCE

Parameters	Value
Main DC Supply	28 Vdc (9.5A current limit)
Gain	40 dB (minimum)
Class	AB Linear
Efficiency	45% Typical
Harmonics	
Spurious	< -60 dBc
In/Out Impedance	50 Ohms
RF In/Out Connectors	SMA Female
DC Connections	Solderable filtered feedthrough
Size	5.6" x 2.5" x 1.19" *
Weight	< 2 lb
Operating Temperature	-40 C to +80 C
Operating Humidity	95% - 100%
Vibration	110 G Shock
Altitude	50,000 Feet

* Excluding connectors



Outline



Internal Subsystem Features

- Thermal Compensation from -40 to +90 C
- Thermal shutdown above 90 C
- Current limit provides amplifier and system protection
- Over voltage protection
- External disable connection TTL compatible. Reduces quiescent current to < 60mA.