



AMPLIFIER MODULE
225-400 MHz
100 Watts
Gain: 10 dB



Small Size, High Efficiency

P/N 400-225-100-09-A1

PERFORMANCE

Parameters	Value
Main DC Supply	28 VDC with adjustable current limit
Bias Supply	Internal controlled by external line
Class	AB Linear
Efficiency	45% Typical
Harmonics	2nd: -40 to -50 dBc Typical
Spurious	< -60 dBc
In/Out Impedance	50 Ohms
RF In/Out Connectors	SMA Female
DC Connections	Solderable filtered feed through
Size	3.2" x 2.45" x 1" **
Weight	< 1 lb
Operating Temperature	-40 C to +90 C ***
Operating Humidity	95% - 100%
Vibration	100 G Shock
Altitude	50,000 Feet

*10mA max provides enable/disable control
 **Excluding connectors
 ***Thermal Compensation

Outline

