



AMPLIFIER MODULE
100-400 MHz
100 Watts
Gain: 40 dB



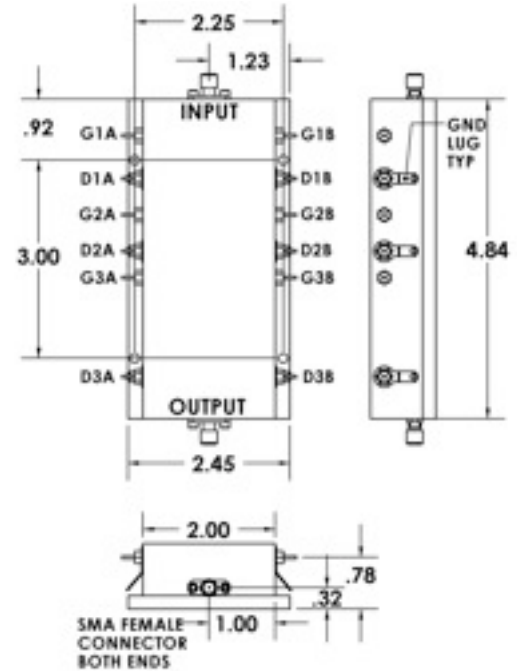
Small size, High Efficiency

P/N 400-100-100-35-A3

PERFORMANCE

Parameters	Value
Main DC Supply	28 VDC (8-11atypical at 100 W out)
Bias Supply	15 VDC*
Class	AB Linear
Efficiency	40-45% Typical
Harmonics	2nd: -40 to -50 dBc 3rd: -30 to -40
Spurious	< -60 dBc (see graph)
In/Out Impedance	50 Ohms
RF In/Out Connectors	SMA Female
DC Connections	Solderable**
Size	4.84" x 2.45" x 1" ***
Weight	< 14oz
Operating Temperature	-50 C to +60 C
Operating Humidity	95% - 100%
Vibration	100 G Shock
Altitude	50,000 Feet

Outline



*10mA max provides enable/disable control
 **Filtered feed throughs with ground lugs
 ***Excluding connectors, feet, and flange

