



**MODEL A151
AMPLIFIER MODULE
1-200 MHz
100 Watts**



Small Size, High Efficiency

P/N 200-1-100-35-E5

PERFORMANCE

Parameters	Value
Frequency	1-200 MHz
Power	100 Watts
Quiescent Current	1.4 A Typical
Class	AB Linear
Efficiency	30%-40% Typical
Main DC Supply	28 VDC
Supply Current	10.1 A Current Limit (Internal)
Bias Supply	Internal
Gain	35 dB (Minimum), 40 dB Typical
Spurious	< -60 dBc
External Enabled	TTL pull low to disable
Disabled Current	< 60 mA
Disable/Enable Time	< 500 uS disable / < 2 mS enable
Size	6.0" x 2.5" x 1.65"
Weight	< 2 lbs
DC Connections	Solderable filtered feed throughs
RF In/Out Connectors	SMA Female
Operating Temperature	0 C to 70 C
Over Temp Protection	75 C
Operating Humidity	95% - 100%
Vibration	100 G Shock
Altitude	50,000 Feet

Mechanical Outline

