



MODEL A045 **AMPLIFIER MODULE** **2-30 MHz** **100 Watts**



Small Size, High Efficiency

P/N 30-2-100-35-A3

PERFORMANCE

Parameters	Value
Frequency	2-30 MHz
Power	100 Watts
Quiescent Current	0.8 A
Class	AB Linear
Efficiency	60%-70% Typical
Main DC Supply	24 VDC
Supply Current	9 A Max., 6-7 A Typical at 100 W
Bias Supply	15 VDC
Gain	35 dB (40 dB Typical)
Spurious	< -60 dBc
External Enabled	N/A
Disabled Current	N/A
Disable/Enable Time	N/A
Size	4.84" x 2.0" x 1.0"
Weight	< 14 oz
DC Connections	Solderable filtered feed throughs
RF In/Out Connectors	SMA Female
Operating Temperature	-50 C to +60 C
Over Temp Protection	N/A
Operating Humidity	95% - 100%
Vibration	100 G Shock
Altitude	50,000 Feet

Mechanical Outline

