



**MODEL A116  
AMPLIFIER MODULE  
225-400 MHz  
10 Watts**



**Small Size, High Efficiency**

**P/N 400-225-10-35-A3**

**PERFORMANCE**

Parameters	Value
Frequency	225-400 MHz
Power	10 Watts
Quiescent Current	0.92 A
Class	AB Linear
Efficiency	15%-20% Typical
Main DC Supply	24 VDC
Supply Current	2.4 A Typical at 10 W out
Bias Supply	15 VDC
Gain	35 dB
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**

