



**MODEL B020  
AMPLIFIER MODULE  
120-170 MHz  
200 Watts**



Small Size, High Efficiency

P/N 170-120-200-40-A3

**PERFORMANCE**

Parameters	Value
Frequency	120-170 MHz
Power	200 Watts
Quiescent Current	.92 A
Class	AB Linear
Efficiency	50%-70% Typical
Main DC Supply	28 VDC
Supply Current	10-14 A Typical
Bias Supply	15 VDC
Gain	40 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**

