

RF POWER AMPLIFIER SYSTEM

Model A093
P/N 30-2-200-45-R

2 - 30 MHz
200 Watts

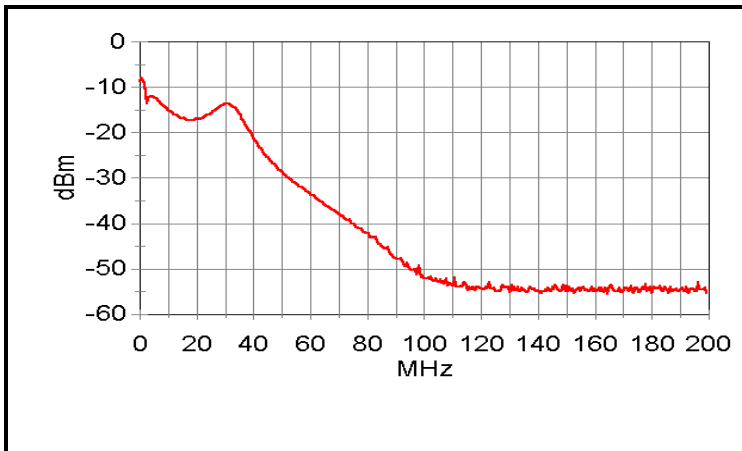
Gain:45dB Voltage:120/220 VAC

Economical
Automatic Current Limit
Low Even Order Harmonics
Rugged

PERFORMANCE

PARAMETER	SPECIFICATIONS	COMMENTS
Output Power	200 Watts cw	205 Watts MAX
Frequency Range	2 - 30 MHz	1 - 35 MHz
Gain	45 dB minimum	
DC Current	8 - 10 Amps	
AC	120 VAC/60 Hz 220 VAC/50 Hz	Preset at factory
In / Out Impedance	50 ohms nominal	
Connectors	Type N female bulkhead	
Size	19.0" x 18.2" x 7.0"	
Spurious	Better than - 60 dBc	
Cooling	Forced air	Self-contained fans
Operating Temperature	-50°C to +70°C	

ELECTRICAL PERFORMANCE



HIGH POWER DATA (Typical)

Freq (MHz)	Input Power (dBm)	Output Power (W)	DC Current (A)	Gain (dB)
2.00	2.70	200.10	9.84	50.31
10.00	5.70	201.80	9.46	47.35
20.00	6.00	203.60	9.15	47.09
30.00	7.60	200.00	8.70	45.41