

# RF POWER AMPLIFIER SYSTEM

**Model A041**  
P/N 1200-10-10-30-R

10 - 1200 MHz  
10 Watts

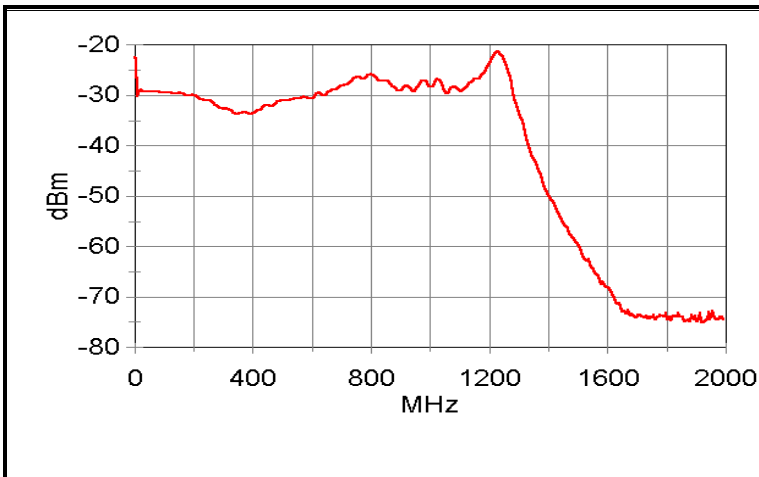
Gain:30dB Voltage:120/220 VAC

**Economical**  
**Automatic Current Limit**  
**Low Even Order Harmonics**  
**Rugged**

## PERFORMANCE

PARAMETER	SPECIFICATIONS	COMMENTS
Output Power	10 Watts cw	15 Watts MAX
Frequency Range	10-1200 MHz	
Gain	30 dB minimum	
DC Current	3 - 4 Amps	5A Max
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)
500.00	10.40	13.07	3.14	30.76
600.00	10.20	15.28	3.47	31.64
700.00	6.20	20.02	3.52	36.81
800.00	2.20	20.21	3.02	40.86
900.00	7.50	20.30	3.17	35.57
1000.00	11.50	13.87	3.01	29.92
1100.00	10.50	10.01	3.50	29.50
1200.00	11.50	10.02	3.56	28.51
1300.00	10.50	4.00	2.63	25.52

LCF Enterprises  
6180 Commerce Loop  
Post Falls, ID 83854  
E-Mail: [info@lcfamps.com](mailto:info@lcfamps.com)

Tel: 208-415-4300  
FAX: 208-415-4306  
Web: [www.lcfamps.com](http://www.lcfamps.com)

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