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MODEL 5092

**200 - 1000 MHz
800 WATTS**

Solid State Broadband High Power RF Amplifier

The 5092 is an 800 Watt broadband amplifier that covers the 200 – 1000 MHz frequency range. This amplifier utilizes Class A/AB linear power devices that provide high gain and a wide dynamic range. This system also achieves high efficiency operation with proven reliability. The 5092 comes with an extended warranty.



	Parameter	Specification @ 25° C
Electrical		
1	Frequency Range	200 – 1000 MHz
2	Saturated Output Power	800 Watts typical
3	Gain @ 800 Watts P _{out}	+59 dB min
4	Gain Flatness	± 2.5 dB
5	Input VSWR	2:1 max
6	Input/Output Impedance	50 Ohms nominal
7	AC Input Power	12,000 Watts max
8	AC Input	200 – 240 VAC, three phase
9	RF Input	0 dBm max
10	RF Input Signal Format	CW/AM/FM/PM/Pulse
11	Class of Operation	AB
Mechanical		
12	Dimensions	70" x 24" x 26" (H x W x D)
13	Weight	750 lbs. max (TBD)
14	Input/output RF Connectors	Type-N / 7-16 DIN
15	Grounding	Chassis
16	Cooling	Internal Forced Air
Environmental		
17	Operating Temperature	0° C to +50° C
18	Operating Humidity	95% Non-condensing
19	Operating Altitude	Up to 10,000' Above Sea Level
20	Shock and Vibration	Normal Truck Transport

Specifications subject to change without notice...

CIRCUIT PROTECTIONS

- ◇ Thermal Overload
- ◇ Over Current
- ◇ Over Voltage

INCLUDED FEATURES

- ◇ LCD Digital Display
- ◇ Gain Adjustment
- ◇ IEEE-488 GPIB

OPTIONAL FEATURES

- ◇ Ethernet Interface