

19" Rack Pulsed High Power Amplifiers



Applications

- Radar Simulator
- Test & Measurement
- EMC/EMI

Features

- High Power 700W
- Customized Interface
- Protections against High VSWR, Over temperature
- Communication thru RS-232(optional)
- Temperature Monitor
- Output Power Control

Specification

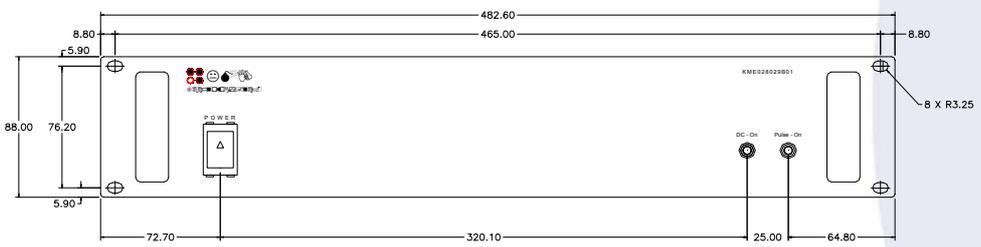
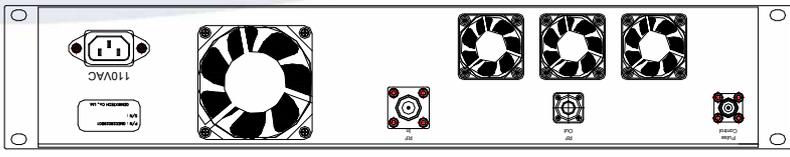
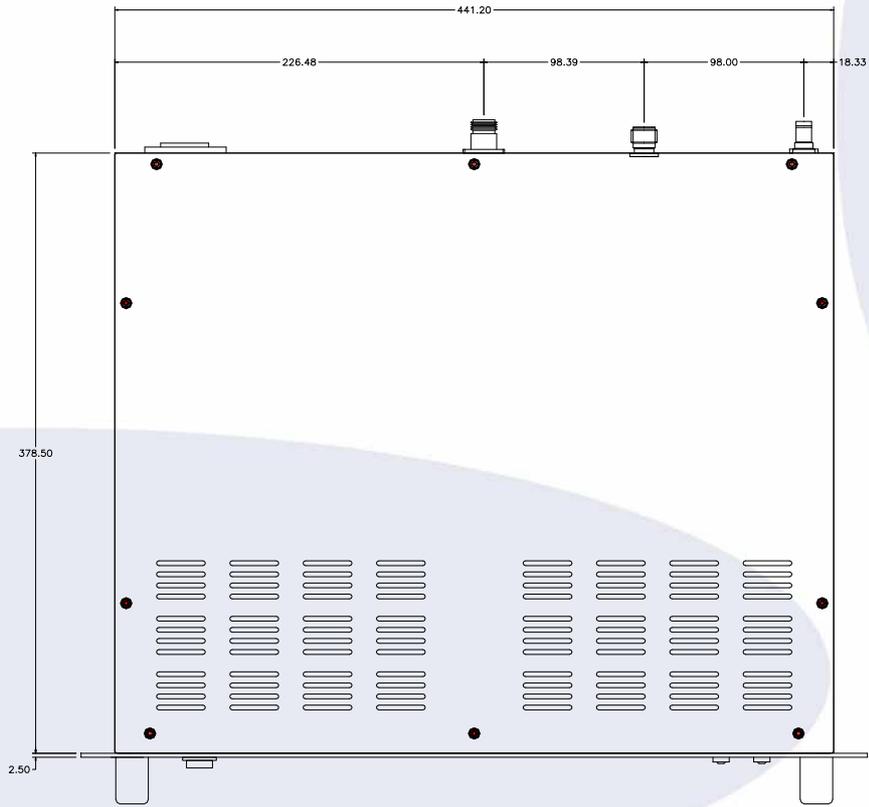
Parameter	Specification
Frequency	2.85 to 3.1 GHz
Gain Gain @ Psat (Pin= 0dBm)	50dB Min
Gain flatness Gain flatness @ Psat (Pin= 0dBm)	+/- 1dB p-p Max
Output Power (Psat) Output Power @ Psat (Pin= 0dBm)	700 Watts Peak Typ. 650 Watts Min
VSWR Input/output	Input 2.1:1 Max Output 2.1:1 Max
Pulse Characteristics	
Pulse Rep Rate	10 to 600 Hz Test at 580Hz
Pulsed Width	1.5 µsec ~ 14.0 µsec Test at 10 µsec
Rise & Fall Time	200 nsec
Interface	
Connector on Rear	N type (RF in/out) BNC (Pulse control)
Operating Environments	
Operating Temperature	0 ~ +40°C
Power Supply	110 VAC
Cooling	Air Cooling
Mechanical Requirements	
Dimension	19" Rack Mounting Type (mm) 441.2 by 88 by 381 mm
Amplitude pulse droop	
Pulse droop @ Psat. (Pin= 0dBm) (pulse droop @ Po=700W)	N/A
RF Input Drive [Survival]	+20dBm max
TTL(5V) Pulse Control	+5V=RF ON

The specification subject to change without notice.

For the customized specification, price, and delivery ; Contact us

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