

HPA-100007

High Power Amplifier Systems, 1-18GHz, 43dB Gain, 43dBm Psat,120V AC

Output Psat min: 43 dBm

- Wide Band: 1-18GHz
- Gain: 43dB Min
- Psat Output Power:43dBm Min
- Protection: Over TEM, over voltage, over current ,over VSWR protection
- 50 Ohm Matched Input / Output

RF SPECIFICATIONS

Ac Voltage	120 VAC
ESD Sensitivity(hbm)	Class 0, passed 150V
Gain Flatness	± 5 dB typ
Harmonics@pout=43dbm	-10 dBc max
Impedance	50 Ohms
Input Frequency Band 1	1-18 GHz
Input VSWR	2 :1 max
Output Psat Min	43 dBm
Power Consumption	500W typ
Power Gain Min	43 dB
RF Input Power	0 dBm
Spurious@pout=43dbm	-60 dBc max.

INTERFACE SPECIFICATIONS

Communication Connector	DB9/RJ45
Control Functions	1, Power setting On/Off 2,ALC automatic level control
Forward / Reverse coupling	SMA Female/ SMA Female
Front Panel LCD Screen	7 inch LCD Screen Display
Input/ Output Connector	N Female/N Female
Protection Functions	1,Over TEM 2,Over voltage 3,Over current 4,Over VSWR
Remote Control	RS422/Ethernet

ENVIRONMENTAL SPECIFICATIONS



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Altitude	10,000 feet
Relative Humidity	95%
Shock(non operating)	20G for 11msc half sine wave, 3 axis both directions
Shock/vibration(mil-std-810f)	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Temperature Operational	-20°C to +50°C
Temperature Storage	-30°C to +60°C

PHYSICAL SPECIFICATIONS

Cooling	Built in Cooling system, forced air cooling
Product Weight	30 kg max
Size	19 Inch 4U*500 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517799000	Made in China	Hong Kong	EAR99	N/A N/A

MECHANICAL DIAGRAMS