

LA 50 15 to 110 MHz LINEAR AMPLIFIER



50 Watts of Linear RF Power From 15 MHz to 110 MHz For Industrial, Laboratory, Communication and Medical Applications.

FEATURING:

- 15 MHz to 110 MHz
- 50 W Linear
- 70 W Saturated
- Linear Output of 25W with $h_{3\leq} -25$ dBc

Class Of Operation
Class A

Frequency Of Operation
15 MHz to 110 MHz

RF Power Output
70 W saturated

Gain
47 dB \pm 1 dB

RF Input Drive
Typically -20 dBm to +5 dBm

Input Drive Source
Signal or function generator, analog computer input capable of up to 2 Vp-p @ 50 Ohm within amplifier output and bandwidth limits.

Input and Output Impedance
50 Ohm

Input VSWR
2:1 max

Output VSWR
3:1 max

Load Mismatch
All phase angles

Harmonic Level @ 25 W
Better then - 30 dBc for 3rd
Better then - 27 dBc for 2nd
any other > -40 dBc

RF Connectors
N Type Females. Front Panel

AC Power Source
100 - 120 VAC, 200 - 240 VAC
+/-10%, 47 - 63 Hz

AC Power Connection
IEC Standard Power Entry

Cooling
Forced Air

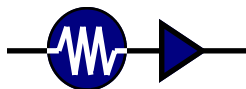
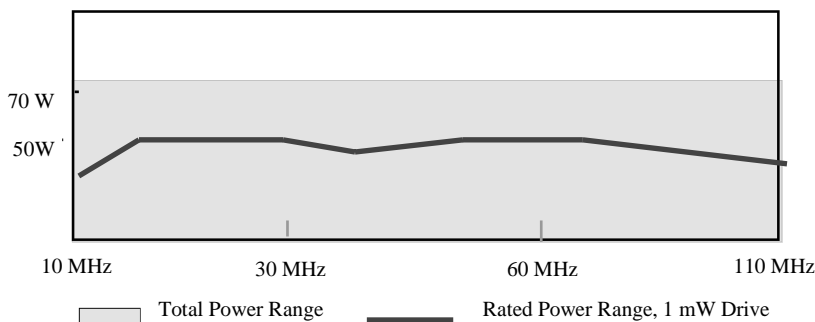
Dimensions
H 95mm x W 480 mm x
L 420mm
(3.75" x 19" x 16.5")

Weight
~ 11 kg, (24 lbs.)

Mounting
Stand alone unit. Front Panel fit rack mount

Environmental conditions
Temp: 0° to 35° C ambient air
Humidity: 80%

LA 50 Performance Chart



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