



T&C
Power Conversion

LA 50HF

1 to 80 MHz LINEAR AMPLIFIER

T&C POWER CONVERSION

50 Watts of Linear RF Power From 1 MHz to 80 MHz For Industrial, Laboratory, Communication and Medical Applications.

FEATURING:

- 1 MHz to 80 MHz
- 50 W Linear
- 75 W Saturated
- Linear Output of 25W with $h_{3\leq} -23$ dBc



Power Supply Front Panel view

Class Of Operation

Class A

Frequency Of Operation

1 MHz to 80 MHz

RF Power Output

75 W saturated

Gain

48 dB \pm 1 dB @ 0 dBm Drive

RF Input Drive

Typically -30 dBm to +1 dBm

Input Drive Source

Signal or function generator, analog computer input capable of up to 1 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 than -23 dBc for 3rd from 1MHz to 25MHz

Better than -30 dBc for 3rd from 25MHz to 80MHz

Better than -30 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")

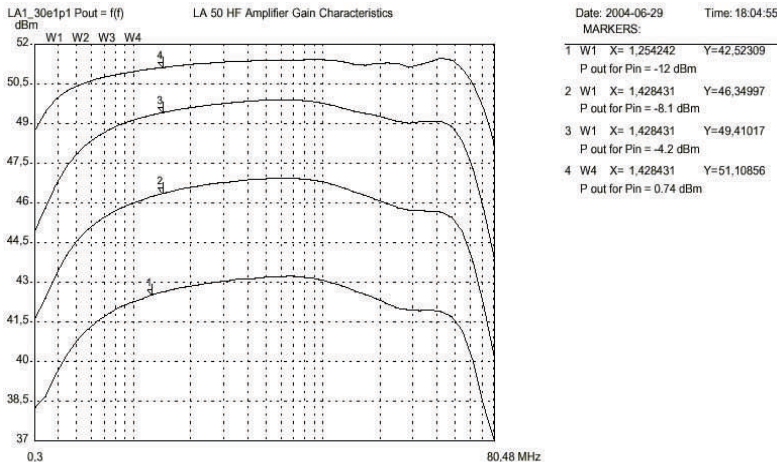
Weight: ~ 11 kg, (24 lbs.)

Mounting

Stand alone unit. Front Panel fit rack mount

Environmental conditions

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



Sales Representative:



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