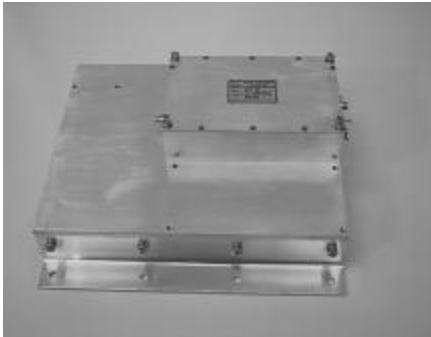


LA 5 M HF / VHF LINEAR AMPLIFIER MODULE



5 Watts of Linear RF Power From 50 kHz to 700 MHz For Industrial, Laboratory, Communication and Medical Applications.

FEATURING:

- 50 kHz to 900 MHz total
- 5 W Linear
- 7 W Saturated
- Linear Output of 2.5W with $h_{3\beta} - 30$ dBc

Class Of Operation

Class A

Frequency Of Operation

50 kHz to 700 MHz,
700 to 900 MHz with -1.5 dB drop

RF Power Output

7 W saturated up to 700 MHz

Gain

33 dB \pm 1.5 dB

RF Input Drive

Typical range -10 dBm
to +10 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 @ 2.5 W

Better than -30 dBc for 3rd
harmonic, any other > -30 dBc

RF Connectors

SMA Females

AC Power Source

28 VDC, 4A

Power Connection

RFI Filter Solder Lug

Cooling

Forced Air Required

Module Dimensions

(H 70 x W 208 x L 240) mm
(2.8" x 8.2" x 9.05")

Weight

~ 1.8 kg, (4 lbs.)

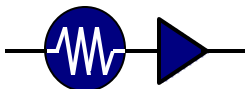
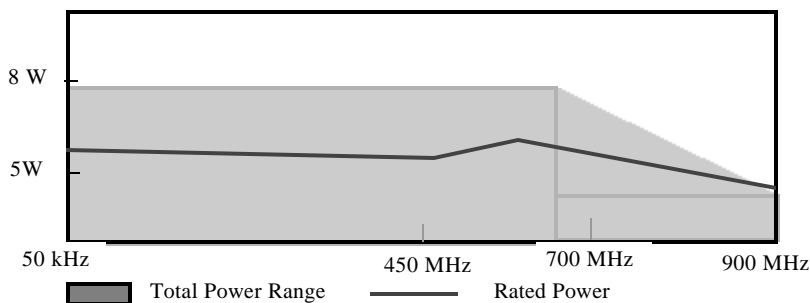
Mounting

Right angle brackets with 7.4"
side to side hole pattern. 2.75"
between holes on bracket.

Operating Temperature

0° to 35° C ambient air

LA 5 Performance Chart



Sales Representative:

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