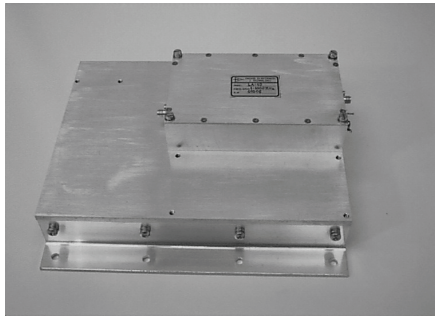




T&C
Power Conversion

LA 10 M

3 to 1000 MHz LINEAR AMPLIFIER MODULE



10 Watts of Linear RF Power From 3 MHz to 1000 MHz For Industrial, Laboratory, Communication and Medical Applications.

FEATURING:

- 3 MHz to 1000 MHz
- 10 W Linear
- 15 W Saturated
- Linear Output of 10W with $h_{3\leq} -25$ dBc

Class Of Operation
Class A

Frequency Of Operation
3 MHz to 1000 MHz

RF Power Output
15 W saturated

Gain
40 dB ± 2 dB

RF Input Drive
Typical range -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 @ 10 W
Better than - 25 dBc for 3rd harmonic, any other > -30 dBc

RF Connectors
SMA Females

Power Source
28 VDC, 4A

Power Connection
RFI Filter solder stud

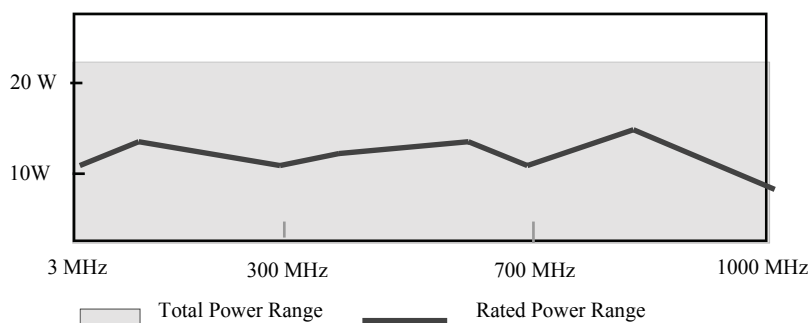
Cooling
Forced Air Required

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

LA 10M Performance Chart



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