

S P E C I F I C A T I O N

VHF AIRCRAFT BAND RF AMPLIFIER

MODEL PA3 - 2 AC - AIR

1. Frequency Range : 118 - 136 MHz.
2. Operating Voltage: 24 - 28 VDC
3. Spurious & Harmonics : 70 dBc. Typical
4. Input & Output Impedance : 50 Ohm.
5. Power Gain : 10 dB. Minimum
6. Input Power Range : 4 - 6 Watts
7. RF Power Output Flatness : ± 1 dB
8. Insertion Loss on Receive : ≤ 1 dB
9. RF power Output : 50 Watts CW
10. Peak Envelope Power : 200 Watts PEP
11. Modulation Linearity : 6 % Maximum Distortion @
70 % Modulation
12. Cooling : Thermostatically Controlled DC
Cooling Fan
13. Connectors : BNC RF Input
Type "N" Output
14. Package Size : 12.4" W x 3.1" H x 4.6" D
15. Package Weight : 7 lbs
16. Duty Cycle : 100 %