ATA-125/ATA-125B

125-Watt WideBand Mobile Automatic Antenna System

Meeting MIL-STD-810 for shock and vibration, the fully weatherproof, fully immersible ATA-125/125B ensures rapid link establishment and the highest level of communication reliability, under any operational condition.

The ATA-125/125B provide users with essential benefits and features

Fast, automatic link establishment

- The ATA-125/125B automatically seek the optimum tuning point at all communication conditions.
- An embedded memory facility automatically stores any configuration required to tune to a specific frequency. Whenever that frequency is called on subsequent uses, the ATA-125/125B quickly reconfigure to the required frequency. Whenever variations affect communication quality, the ATA-125/125B automatically re-tune the antenna to optimize signal quality.

Highly reliable HF radio communications

- Utilizing advanced microprocessor-controlled technology, the ATA-125/125B provide precise and continuous tuning over the entire 1.6-30 MHz operating spectrum.

User-friendliness

The ATA-125/125B can quickly and easily be mounted to a wide variety of vehicles, requiring no drilling, no special fitting nor special tools.

	ATA-125	ATA-125B
Frequency Band:	1.6 - 30 MHz	
Input Power:	125 W PEP & AVG	125 W PEP / 60W AVG
Tune power:	6.5-7.5 Watts	
Tuned Antenna Input Impedance:	50 Ohm with VSWR ≤ 1.4	
Azimuth Radiation Pattern:	Omni-directional ±1 dB	
Tuning Time from Memory:	< 300ms	
Memory capacity:	Over 4400 memory settings	
DC power requirements:	12 Volts DC, 1.2 Amp. supplied by radio	
Duty cycle:	Designed for voice and full duty data applications	Designed for voice and limited-duty data applications
Antenna Height:	7FT (2.13m) fiberglass antenna supplied as standard. Additional lengths are available.	
Tuner weight:	5.0 kg	
Operation Temperature Range:	-30°C to +60°C / -22°F to +140°F	
Storage temperature:	-40°C to +85°C / -40°F to +185°F	
Humidity:	95% @ 50°C	
Housing dimensions	530 x 128 x 114 mm	326 x 198 x 198 mm