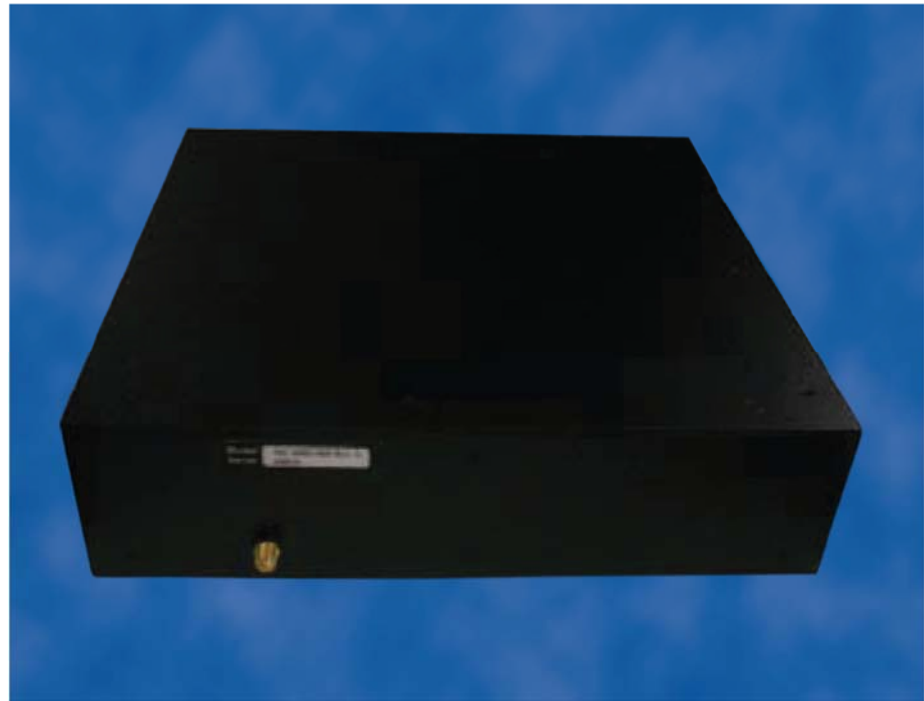


MBA-0086

Multi-Band Antenna

Compact, low-profile, single-port antenna covering two broad bands from 800MHz to 1GHz, and 1.7GHz to 2GHz. Applications include multiband communications. This antenna is a single element version of the MBA-0085 multi-band array and has been qualified for airborne ISR applications.



Specifications

Electrical

| | |
|----------------|--|
| Frequency Band | 800 – 1000 MHz 1700 – 2000 MHz |
| VSWR | < 2.0 : 1 typical (95% of band) 2.5 : 1 max |
| Polarization | Right Hand Circular |
| Gain | 6 to 8.5 dBic |
| Power | 20+ Watts CW |
| Ground Plane | Ground Plane Independent |
| Connector | SMA Female |

Mechanical

| | |
|-------------|------------------------------------|
| Weight | 3.1 lbs |
| Dimensions | 9" Length x 9" Width x 2.3" Height |
| Finish | Black, Painted |
| Shock | MIL-STD-810, 20G |
| Vibration | RTCA/DO-160 |
| Temperature | -35°C to +85°C (Operational) |