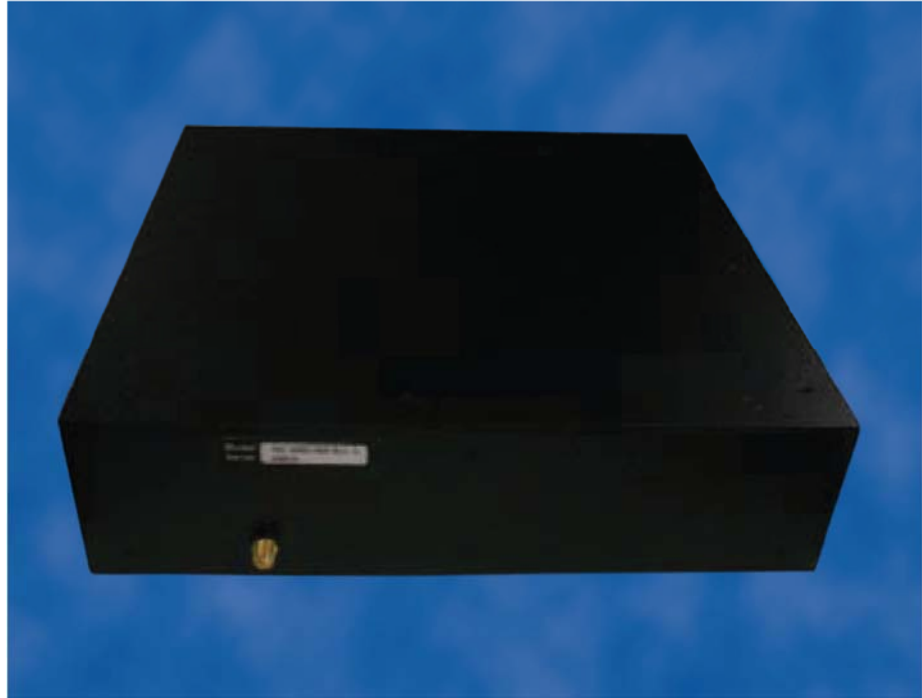


MBA-0086

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)