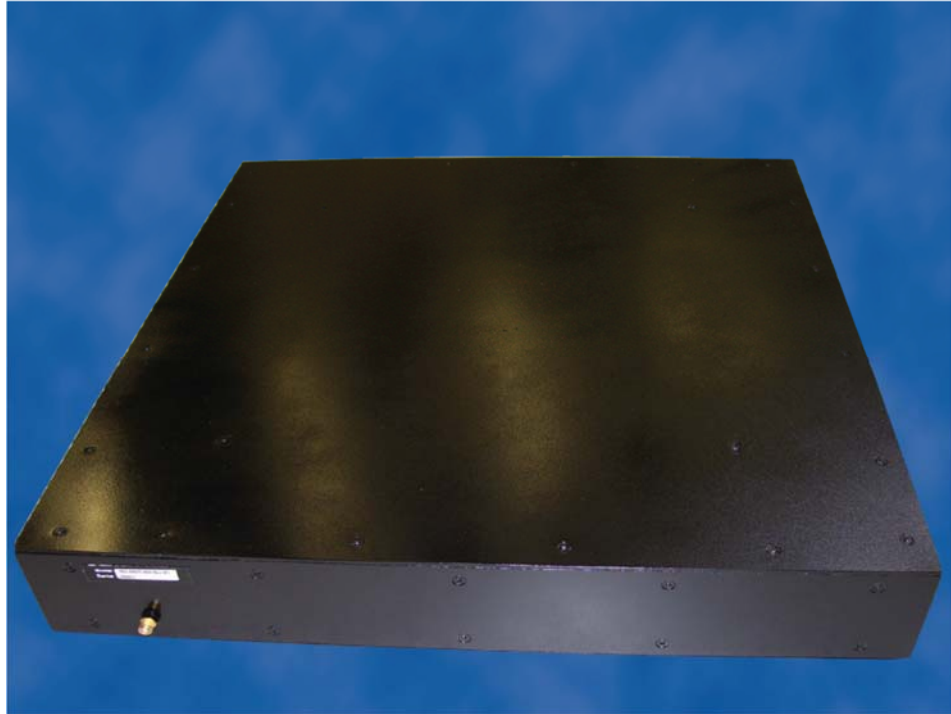


MBA-0085

Multi-Band Array

Compact, low-profile, single-port antenna covering two broad bands from 800MHz to 1GHz, and 1.7GHz to 2GHz. Applications include multiband communications. Circularly polarized with fixed scan angle of 30°. This antenna has been qualified for airborne ISR applications.



Specifications

Electrical

Frequency Band	820 – 960 MHz 1710 – 1990 MHz
VSWR	< 2.0 : 1 typical (95% of band) 2.5 : 1 max
Polarization	Right Hand Circular
Beam Tilt	30°
Gain	9 to 10.5 dBi
Power	20+ Watts CW
Ground Plane	Ground Plane Independent
Connector	SMA Female

Mechanical

Weight	7 lbs
Dimensions	16" Length x 16" Width x 2.31" Height
Finish	Black, Painted
Shock	MIL-STD-810, 20G
Vibration	RTCA/DO-160
Temperature	-35°C to +85°C (Operational)