MBA-0145
Multi-Band (HexBand) Antenna

DESCRIPTION
The MBA-0145 is a compact, low-profile, single-port antenna that covers multiple bands, ranging from 400 MHz to 2.2 GHz.

This antenna has been qualified for airborne intelligence, surveillance and reconnaissance (ISR) applications.

Applications include signal intelligence (SIGINT), and multi-band communication.

The MBA-0145 is the single-element version of the MBA-0127 (Hexband Array).

SPECIFICATIONS

ELECTRICAL

Frequency Bands
- 410 MHz to 500 MHz
- 820 MHz to 960 MHz
- 1700 MHz to 2200 MHz

VSWR < 2.5 : 1

Polarization Right-Hand Circular

Gain +2 dBiC to +7 dBiC Typical

Power 50+ Watts CW

Ground Plane Ground Plane Independent

Connector SMA Female

MECHANICAL

Weight 3.6 lbs (1.62 kg)

Dimensions 9” L x 9” W x 2.3” H (22.9 cm L x 22.8 cm W x 5.8 cm H)

Mounting Available Upon Request

Finish (Default) FED-STD-595 37030 (Black)

ENVIRONMENTAL

Shock MILSTD 810F, 20G

Vibration RTCA/DO-160

Operational Temp. -31°F to +185°F (-35°C to +85°C)

MODEL NUMBERS

White Color MBA-0145-W
Tan 686A Color MBA-0145-T
Green 383 Color MBA-0145-G
Aircraft Gray Color MBA-0145-AG

RELATED PRODUCTS

Array Version MBA-0127 (16” Square)