MBA-0127

Multi-Band Array (HexBand)

Compact, low-profile, single-port antenna covering multiple bands from 400MHz to 2.2GHz. Applications include multiband communications and SIGINT. This antenna has been qualified for airborne ISR applications.

Specifications

Electrical
Frequency Band
- 410 – 500 MHz
- 820 – 960 MHz
- 1700 – 2200 MHz

VSWR
< 2.5 : 1

Polarization
Right Hand Circular

Gain
5 to 14 dBi

Beam Tilt
- 30° (MBA-0127)
- 0° (MBA-0127-1)
- 30° LHCP (MBA-0127-1)

Power
50+ Watts CW

Ground Plane
Ground Plane Independent

Connector
SMA Female

Mechanical
Weight
9 lbs

Dimensions
16” Length x 16” Width x 2.3” Height

Finish
Black, Painted

Shock
MIL-STD-810, 20G

Vibration
RTCA/DO-160

Temperature
-35°C to +85°C (Operational)