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)