MBA-0187
Single-Port Multi-Band (Pentalite) Antenna

DESCRIPTION
Designed for airborne intelligence, surveillance and reconnaissance (ISR) systems, the MBA-0187 is a low-profile, multi-band antenna array with a single (1) output port.

This lightweight antenna has excellent low-frequency performance in a 1.75” thick profile.

It has been qualified using RTCA DO-160G.

The MBA-0187 is the single-port version of the MBA-0183, which has three ports (650 to 1050 MHz, 1500 MHz to 2750 MHz, 3600 MHz to 5900 MHz).

SPECIFICATIONS

ELECTRICAL
Frequency Band ≤ 690 to 2690 MHz
VSWR < 2.0 : 1
Polarization Left-Hand Circular
Gain +4 dBiC to +7 dBiC
Power 25+ Watts CW
Ground Plane Ground Plane Independent
Connector SMA Female
Number of Ports 1

MECHANICAL
Weight 4.5 lbs (2 kg)
Dimensions 14” L x 10” W x 1.75” H
Mounting Available Upon Request
Finish (Default) F63W12 White Polyurethane Enamel

ENVIRONMENTAL
Shock MILSTD 810F, 20G
Vibration RTCA/DO-160
Operational Temp. -67°F to +158°F (-55°C to +70°C)

MODEL NUMBERS
Black Color MBA-0187-B
Tan 686A Color MBA-0187-T

RELATED PRODUCTS
Three-Port Version MBA-0183