MBA-0162-1
Multi-Band (Sentry) Array

DESCRIPTION
Designed for signal intelligence (SIGINT) and intelligence, surveillance and reconnaissance (ISR) applications, the MBA-0162-1 is the ultimate all-in-one solution.

With an efficiency of over 50% for the aperture across the entire band, the Sentry has unparalleled performance. This versatile antenna can be installed in many locations on an aircraft, as well as on other vehicles.

It can be placed both on conductive and non-conductive surfaces; it can be behind a radome or other non-conductive skin.

The MBA-0162 is the 30° scan version of the MBA-0162-1.

SPECIFICATIONS

ELECTRICAL
Frequency Band 400 MHz to 2700 MHz
VSWR < 2.5 : 1
Polarization Right-Hand Circular
Gain +4 dBiC to +16 dBiC Typical
Beam Tilt 0° Scan
Power 100+ Watts CW
Ground Plane Ground Plane Independent
Connector SMA Female

MECHANICAL
Weight 7.5 lbs (3.4 kg)
Dimensions 16” L x 16” W x 2.5” H
(40.6 cm L x 40.6 cm W x 6.4 cm H)
Mounting Available Upon Request
Finish (Default) FED-STD-595 37030 (Black)

ENVIRONMENTAL
Shock MILSTD 810F, 20G
Vibration RTCA/DO-160
Operational Temp. -67°F to +185°F (-55°C to +85°C)

MODEL NUMBERS
White Color MBA-0162-W
Tan 686A Color MBA-0162-T
Green 383 Color MBA-0162-G

RELATED PRODUCTS
30° Scan Version MBA-0162