

# 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.



*Sentry (0° Scan)*

### 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

#### ENVIRONMENTAL

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

#### 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)

#### 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
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