Designed for SIGINT and ISR applications, this compact, low-profile, single-port antenna 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 or on other vehicles. It can be placed both on conductive and non-conductive surfaces, and can be behind a radome or other non-conductive skin.

Specifications

**Electrical**

- **Frequency Band**: 400 – 2700 MHz
- **Beam Tilt**: 30° Scan (MBA-0162)
  - 0° Scan (MBA-0162-1)
- **VSWR**: < 2.5 : 1
- **Polarization**: Right Hand Circular
- **Gain**: 4 to 16 dBiC
- **Power**: 100+ Watts CW
- **Ground Plane**: Ground Plane Independent
- **Connector**: SMA Female

**Mechanical**

- **Weight**: 7.5 lbs
- **Dimensions**: 16” Length x 16” Width x 2.5” Height
- **Finish**: Black, Painted
- **Shock**: MIL-STD-810, 20G
- **Vibration**: RTCA/DO-160
- **Temperature**: -55°C to +85°C (Operational)