HSA-560
Ultra-Wideband Compact Spiral

DESCRIPTION
The HSA-560 is a low-profile, compact spiral antenna ideally suited for handheld and vehicular applications.

This antenna provides wide bandwidth, broad beamwidth, and high RF efficiency. It is lightweight antenna is rugged and weather resistant.

Applications include signal intelligence (SIGINT), electronic warfare (EW), and wideband communications.

SPECIFICATIONS

**ELECTRICAL**
- Frequency Band: 500 MHz to 6000 MHz
- VSWR: < 2.0 : 1 Typical
- Polarization: Right-Hand Circular
  - Left-Hand Circular (Upon Request)
- Gain: +5 dBiC above 1000 MHz
- Power: 5+ Watts CW
- Ground Plane: Ground Plane Independent
- Connector: SMA Female
- Axial Ratio: < +3 dB Typical
- Beamwidth: 60°

**MECHANICAL**
- Weight: 14 oz (0.4 kg)
- Dimensions: 5.68” L x 5.48” W x 2.01” H
- (14.4 cm L x 13.9 cm W x 5.1 cm H)
- Mounting: Available Upon Request
- Finish (Default): FED-STD-595 37030 (Black)

**MODEL NUMBERS**
- White Color: HSA-056-W
- Tan 686A Color: HSA-056-T
- Green 383 Color: HSA-056-G
- Aircraft Gray Color: HSA-056-AG

**ENVIRONMENTAL**
- Shock: MILSTD 810F, 20G
- Vibration: RTCA/DO-160
- Operational Temp.: -40°F to +185°F (-40°C to +85°C)

**RELATED PRODUCTS**
- Mid-Power (25 W) HSA-056A
- High-Power (50 W) HSA-056B