

HSA-560

Ultra-Wideband Compact Spiral

Description

A low-profile, compact spiral antenna ideally suited for handheld and vehicular applications. This antenna provides wide bandwidth, broad beamwidth, and high RF efficiency. This lightweight antenna is rugged and weather resistant. Applications include signal intelligence (SIGINT), Electronic Warfare (EW), and wideband communications.



Specifications

Electrical

| | |
|----------------|---|
| Frequency Band | 500 – 6000 MHz |
| VSWR | < 2.0 : 1 typical |
| Polarization | Right Hand Circular (Left Hand Circular Optional) |
| Gain | 5 dBic, above 1000 MHz |
| Power | 5 Watts CW |
| Ground Plane | Ground Plane Independent |
| Connector | SMA Female (Standard) |
| Axial Ratio | < 3 dB typical |
| Beamwidth | 60-degrees |

Mechanical

| | |
|-----------------------|---|
| Weight | < 0.9 lbs (0.4 kg) |
| Dimensions | 5.68" x 5.48" x 2.01" (14.4 cm x 13.9 cm x 5.01 cm) |
| Finish | Enamel, Gloss White Dull Flat Black |
| Operating Temperature | -35°C to +85°C |