

# 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.



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### 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°

#### ENVIRONMENTAL

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

#### 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

#### RELATED PRODUCTS

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