

# HSA-056A

## 6" Square Spiral Antenna

### DESCRIPTION

The HSA-056A is a low-profile, compact spiral antenna ideally suited for handheld and vehicular applications.

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

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

The HSA-056A is the mid-power (25 W) version of the HSA-056 (5 W)



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### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	500 MHz to 8500 MHz
VSWR	< 3.0 : 1 at 500 MHz to 600 MHz < 2.0 : 1 at 600 MHz to 5.5 GHz
Polarization	Right-Hand Circular Left-Hand Circular (Upon Request)
Gain	-10 dBiC to +6 dBiC
Boresight Gain	0 dBiC
Power	25 Watts CW
Ground Plane	Ground Plane Independent
Connector	SMA Female

#### ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160

#### 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-056A-W
Tan 686A Color	HSA-056A-T
Green 383 Color	HSA-056A-G

#### RELATED PRODUCTS

Low-Power (5 W)	HSA-056
High-Power (50 W)	HSA-056B