

HSA-056B

6" Square Spiral Antenna

DESCRIPTION

The HSA-056B 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-056B is the high-power (50 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	50 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-056B-W
Tan 686A Color	HSA-056B-T
Green 383 Color	HSA-056B-G

RELATED PRODUCTS

Low-Power (5 W)	HSA-056
Mid-Power (25 W)	HSA-056A