

HSA-056B

6" Square Spiral Antenna

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 SIGINT, EW, and wideband communications.



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SPECIFICATIONS

Electrical

Frequency Band	500 – 8500 MHz
VSWR	≤3.0:1 @500MHz – 600MHz ≤2.0:1 @600MHz – 5.5GHz
Polarization	RHCP (LHCP upon request)
Gain	0 dBi (Boresight) -10 – +6 dBi
Power	50 Watts
Connector	SMA Female

Mechanical

Weight	0.875 lbs (0.4kg)
Dimensions	2.01" H x 5.68" L x 5.48" W
Finish	MIL-DTL-53039, Type IV, CARC FED-STD-595 37030 (Black) FED-STD-595 34094 (Green 383) FED-STD-595 33446 (Tan 686A)
Temperature	-35 °C – +85 °C
Altitude	RTCA DO-160, 35,000 ft
Shock	RTCA DO-160 Sector 7, Category A
Vibration	RTCA DO-160, Sector 8, Category S Curve T

PART NUMBERS

Black Color	HSA-056B
Green Color	HSA-056BG
Tan Color	HSA-056BT