

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