



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.

Specifications

Electrical

Frequency Band	500 MHz - 6 GHz
VSWR	<2.0:1
Beamwidth	60-degree typical
Axial Ratio	<3 dB typical
Gain (dBiC)	-7 from 500 MHz - 1.1 GHz +3 to +6 from 1.1 GHz - 6 GHz
Polarization	RHCP (LHCP upon request)
RF Power	5W

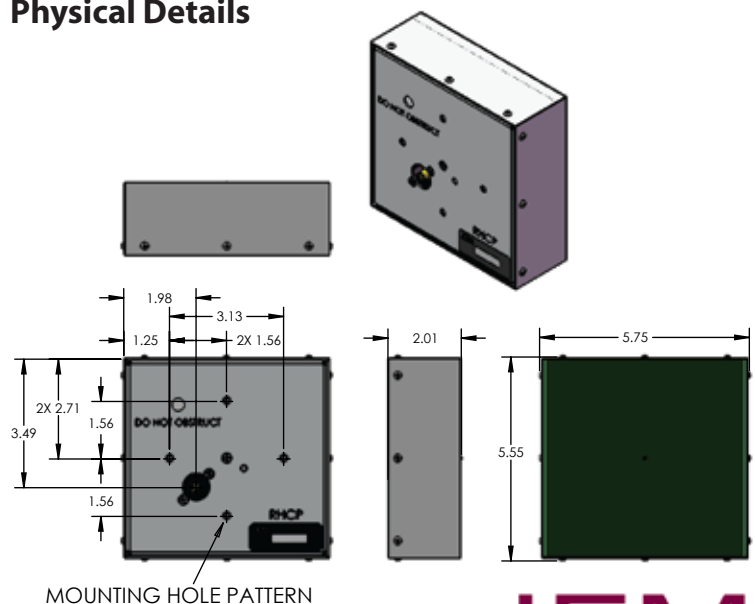
Mechanical

Weight	15.5 Oz
Dimensions	5.75" X 5.55" X 2.01"
Finish	Black
Connector	SMA Jack

Environmental

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Temperature	-35° C to + 85° C

Physical Details



Custom Antenna Design, Manufacturing, and Testing

