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