HSA-2438C
Conformal MUOS SATCOM Antenna

DESCRIPTION
The HSA-2438C is designed for a conformal airborne application operating in extreme environments, vibration, and speed. This low-profile, compact spiral antenna is suitable for vehicular or airborne use. The pattern is designed for uniform gain overhead to 40° in elevation.

The hybrid spiral antenna can be flush mounted on a vehicle or airborne surface with little to no degradation to the pattern or VSWR.

This rugged spiral can be equipped with a side or bottom mounted connector.

SPECIFICATIONS

ELECTRICAL
Frequency Band 240 MHz to 380 MHz
VSWR < 2.0 : 1
Polarization Right-Hand Circular
Gain +3 dBiC
Power 125+ Watts CW
Ground Plane Ground Plane Independent
Connector TNC Female

MECHANICAL
Weight 7.1 lbs (3.22 kg)
Flush Flange Dim. 16” L x 16” W (40.64 cm L x 40.64 cm W)
Mounting Available Upon Request
Finish (Default) MIL-PRF-85285, Type I, Class H

ENVIRONMENTAL
Shock MILSTD 810F, 20G
Vibration RTCA/DO-160
Operational Temp. -31°F to +185°F (-35°C to +85°C)

MODEL NUMBERS
White Color HSA-2438C-W
Tan 686A Color HSA-2438C-T