

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



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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

