

HSA-2438A

Low-Profile MUOS SATCOM Antenna



DESCRIPTION

Initially designed for flush mount on a tubular chassis mounting, the HSA-2438A is a low-profile, compact spiral antenna suitable for vehicular or airborne use.

The pattern is designed for uniform gain overhead to 45° 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.

Rugged and versatile, this spiral antenna can be equipped with a side or bottom mounted connector.



Low-Profile MUOS SATCOM Antenna

SPECIFICATIONS

ELECTRICAL

Frequency Band	240 MHz to 380 MHz
VSWR	< 1.5 : 1
Polarization	Right-Hand Circular
Gain	+4.5 dBiC (Overhead)
Power	75+ Watts CW
Ground Plane	Ground Plane Independent
Connector	TNC Female

MECHANICAL

Weight	4.8 lbs (2.2 kg)
Flush Flange Dim.	14.5" L x 14.5" W x 4" H (36.8 cm L x 36.8 cm W x 10.16 cm H)
Inlay Dimensions	13" L x 13" W x 2.5" H (33 cm L x 33 cm W x 6.32 cm H)
Mounting	Fast Clip to MRZR and MRZR-D Variants
Finish (Default)	MIL-DTL-53039, Type IV, CARC



ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160

MODEL NUMBERS

Black Color	HSA-2438A-B
White Color	HSA -2438A-W
Green 383 Color	HSA -2438A-G