

HSA-2438LP

Low-Profile MUOS SATCOM Antenna



DESCRIPTION

Initially designed for flush mount on a tubular chassis mounting, the HSA-2438LP 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.



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SPECIFICATIONS

ELECTRICAL

Frequency Band	240 MHz to 380 MHz
VSWR	< 1.5 : 1
Polarization	Right-Hand Circular
Gain	+3 dBiC (Overhead)
Power	125+ Watts CW
Ground Plane	Ground Plane Independent
Connector	Type N Female TNC Female (Upon Request)

ENVIRONMENTAL

Immersion	MIL-STD-810G Test Method 512.5 1m at 4hrs
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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 Dim.	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

MODEL NUMBERS

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