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.

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)

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

ENVIRONMENTAL
- Immersion: MIL-STD-810G
- Test Method: 512.5 1m at 4hrs

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