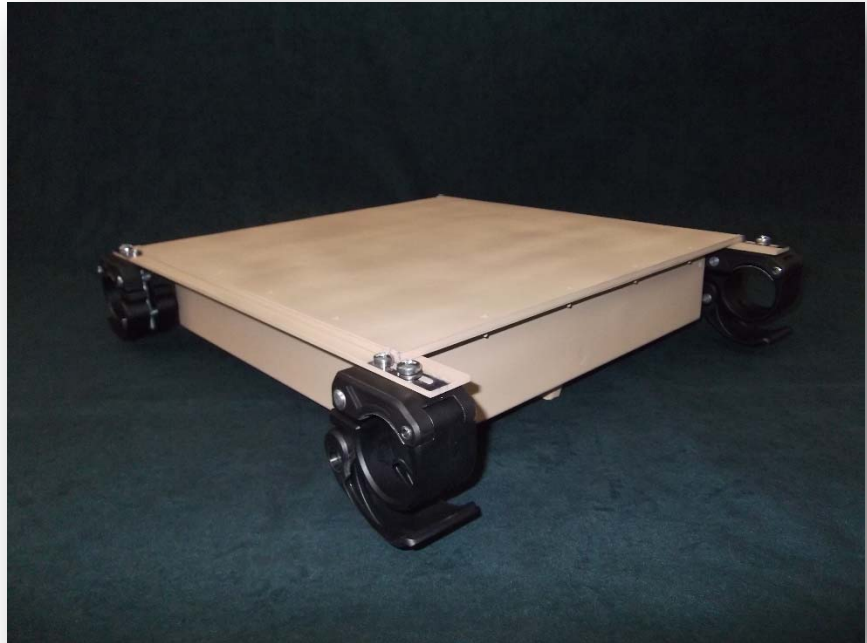


HSA-2438A

Low Profile MUOS SATCOM Antenna

Description

Initially designed for flush mount on a tubular chassis mounting, this low-profile, compact spiral antenna is suitable for vehicular or airborne use. The pattern is designed for uniform gain overhead to 45 degrees 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 – 380 MHz |
| VSWR | < 1.5 : 1 |
| Polarization | Right Hand Circular |
| Gain | 4.5 dBic, overhead |
| Power | 75 Watts CW |
| Ground Plane | Independent |
| Connector | TNC Female (Standard) |

Mechanical

| | |
|------------|--|
| Weight | 4.8 lbs (2.2 kg) |
| Mounting | Fast clip to MRZR and MRZR-D Variants |
| Dimensions | 13" x 13" (33 cm x 33 cm) Inlay 4.0" Depth |
| Finish | MIL-DTL-53039, Type IV, Chemical Agent Resistant Coating FED-STD-595 37030 (Black) FED-STD-595 34094 (Green 383) FED-STD-595 33446 (Tan 686A) |

