HSA-2438LP
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 40 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 3 dBi, overhead
Power 125 Watts CW
Ground Plane Ground Plane Independent
Connector Type N Female (Standard)
            TNC Female (Optional)

Mechanical
Weight 4.8 lbs (2.2 kg)
Dimensions 14.5” x 14.5” (36.8 cm x 36.8 cm) Flush Flange
            13” x 13” (33 cm x 33 cm) Inlay
            2.5” 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)
            FED-STD-595 36300 (Aircraft Gray)
Immersion MIL-STD-810G, Test Method 512.5 1m @ 4hrs