

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 dBic, overhead
Power	50 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 4.25" 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)