

UHF243380S-D

UHF SatCom dismantled antenna (MUOS capable), RHCP, 0.8 m, 243-380 MHz

Tactical Antennas: Tactical and Base Station



Description

- UHF SATCOM 243-380 MHz covers:
 - MUOS 300-320/360-380 MHz
 - UFO Waveform 292-318/243-270 MHz
- Quadrifilar helix - ground plane independent
- Hemispherical coverage
- Good gain at low elevation
- Minimum VSWR losses
- Folding tripod assembly for ground deployment
- Carrying case option



Comrod CEF connection with radiating element.
N type female coaxial cable connection.

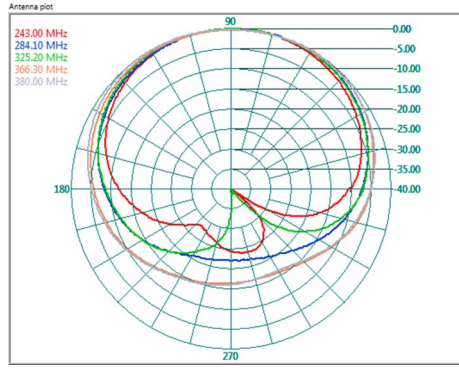
Electrical Specifications

Frequency Range	243-380 MHz
VSWR	< 2:1
Nominal Impedance	50 ohm
Power Rating	60 W CW
Gain	4 dBi Nominal
Radiation Pattern	Azimuth: Omnidirectional ± 1.5 dB Elevation: See plot
Polarisation	Right Hand Circular Polarisation (RHCP)
Connector	N type female, others on request

Mechanical Specifications

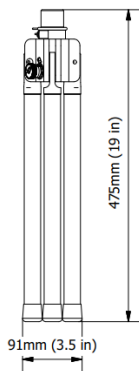
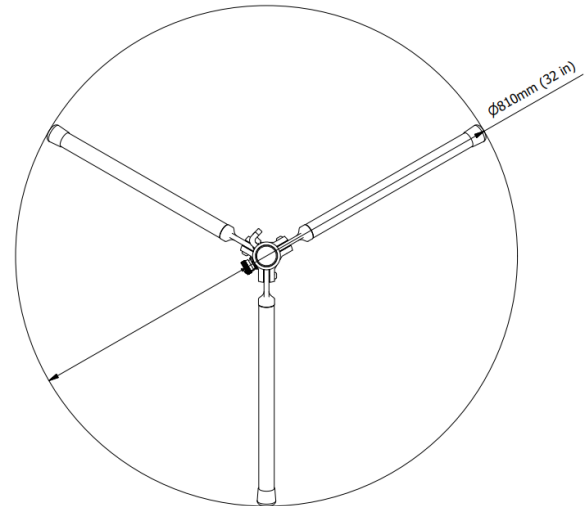
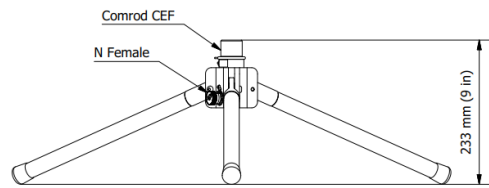
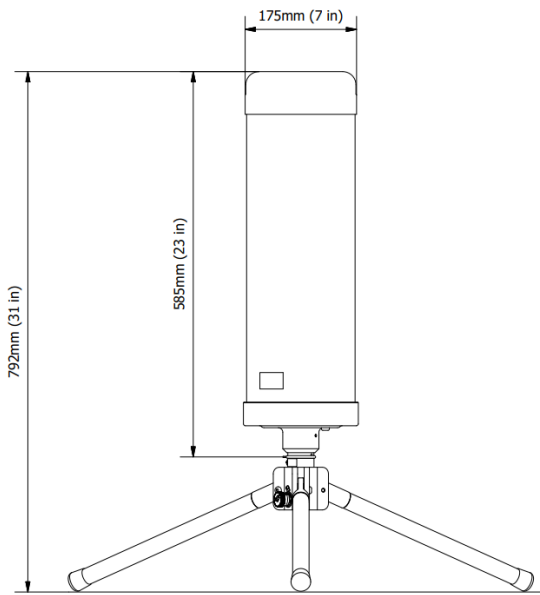
Design	Helical radiating element fully enclosed in a GRP radome. Mounted on a foldable tripod assembly
Dimensions	See page 2
Weight	Antenna Element 3.1 kg Tripod Base 1.25 kg
Wind Rating	55 m/s = 201 kph
Finish	Polyurethane lacquer Antenna element standard colours: Green, Tan, Black, Grey Tripod: Black
Temperature	- 55°C to + 71°C

Typical Elevation Pattern



No Ground plane

Outline Dimensions



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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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