

UHF380430VM-HG
(Base type A)

Features:

- 380-430 MHz, TETRA
- High gain, 4dBi
- Dipole design
- Designed for operation on all military & civilian platforms such as shelters, mounted on masts or on permanent installations
- Rugged high quality antenna with a durable construction
- NATO flange base options available including vehicle/shelter, mast mount and GPS
- Permanent mast mount bracket option

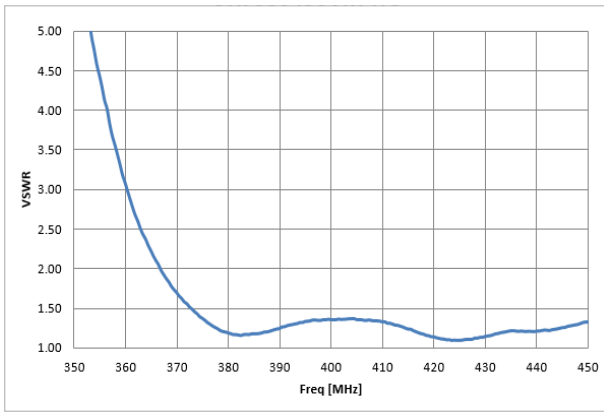
Electrical specifications:

Frequency range	380 - 430 MHz
VSWR	< 2:1
Nominal impedance	50 ohm
Power rating	50 W CW
Gain	See plot
Radiation pattern	Azimuth: Omnidirectional Elevation: See diagram overleaf
Polarization	Vertical
Connector	BNC standard, other on request.

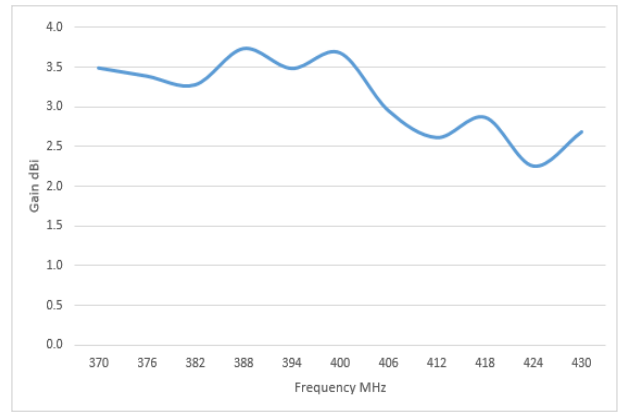
Mechanical specifications:

Design	Dual dipoles. Radiating element completely enclosed in epoxy/fiberglass laminate. Metal parts are brass and stainless steel.
Length	1.43 m (56 in) with base type A
Weight	3.8 kg (8.3 lbs) with base type A
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, olive drab. Other colours on request.
Temperature range	-55 °C, +71°C; -67 °F, +160 °F

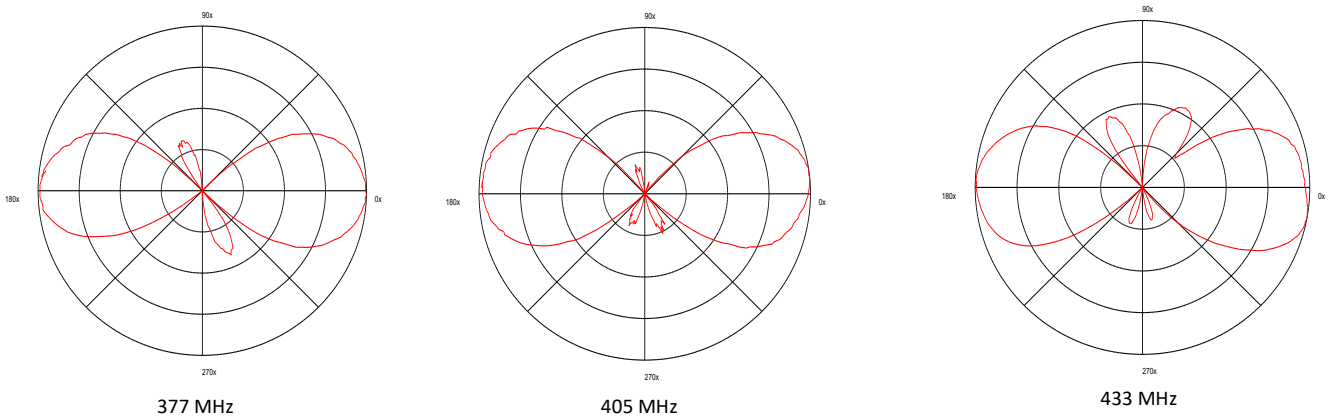
VSWR (typical)



Gain (typical)



Elevation Patterns (typical)

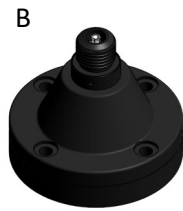


Base Options

Bases are available to suite most mounting configurations. L1 and L1/L2 GPS and high voltage protection is also available on many bases. Below is a small selection, please view datasheet *Dipole-Antenna-Mounts.pdf* for a more detailed selection or contact Comrod to discuss your requirement.



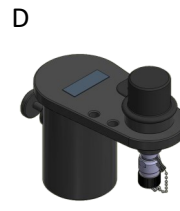
A
NATO 4-hole Spring
GPS Option
4 x M10 or 3/8" Bolts
on 114mm (4.5in) PCD
Base Dia. 140mm (5.5in)



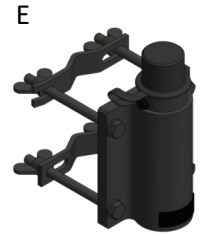
B
NATO 4-hole Rigid
GPS Option
4 x M10 or 3/8" Bolts
on 114mm (4.5in) PCD
Base Dia. 140mm (5.5in)



C
NATO 50mm Thread
GPS Option
Base Dia. 74mm (2.9in)
Base Dia. 95mm (3.74in) - GPS

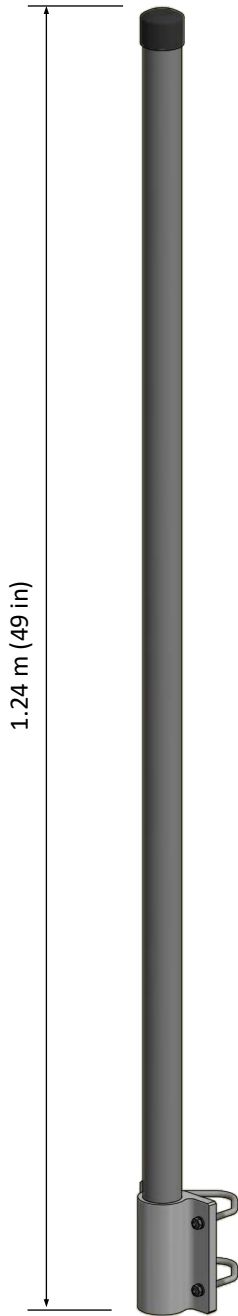


D
Mast Mount Bracket
Ø24mm (0.95in) Spigot
Ø40mm (1.57 in) Spigot
Ø50mm (1.97in) Spigot
Ø40mm (1.57in) Socket
Ø50mm (2in) Socket
Customer Specified



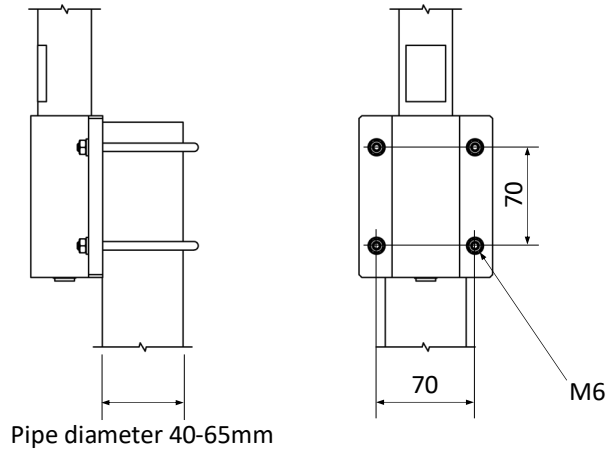
E
Pole/Rail Clamp Bracket
Pole diameters up to 65mm
0 or 90 degree mounting

Permanent Mount UHF380430M-HG



UHF380430M-HG
(Permanent Mount)

Pole Mounting



Bulkhead/Wall Mounting

