Features:

- 450-2700 MHz (covers multiple LTE bands)

- Single connector

- Designed for operation on all military & civilian platforms

- Designed for operation on shelters, mounted on masts or in other permanent installations

- Rugged high quality antenna with a durable construction

- NATO flange base with spring. Base options available including vehicle/shelter, mast mount and GPS

0.74m (29 in)

0.26m (10 in)
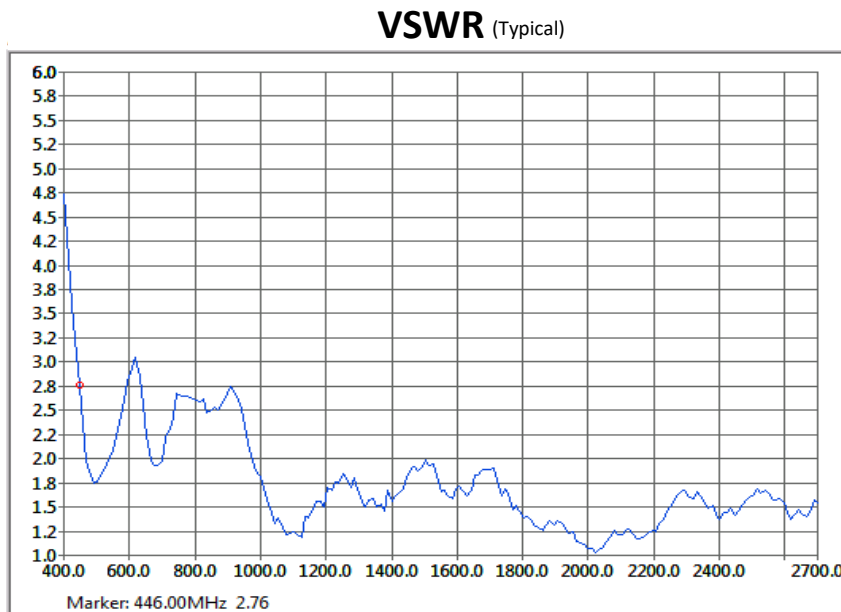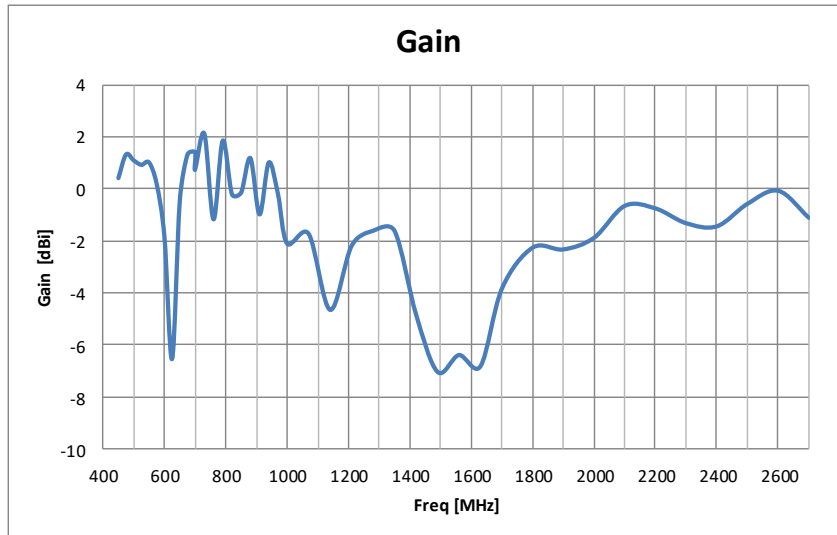
Ø139

Ø114.2

Ø11 x 4 holes
Ground Connection, M6
N Type Female Connector

Electrical specifications:

Frequency range	450-2700 MHz Optimised for 450-470, 698-960, 1710-2690 MHz
VSWR	<3.5:1 Typical, 4:1 max
Nominal impedance	50Ω
Power rating	20W CW
Gain	See curve overleaf
Radiation pattern	Omnidirectional
Polarization	Vertical
Connector	N Type Female (others on request)

Mechanical specifications:

Design	Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, aluminum and stainless steel.
Length#	74cm (29 in), with spring base
Weight#	Whip: 0.8kg (1.7 lbs) Base: 1.8kg (4.0 lbs)
Wind rating	55m/s (123 mph)
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F

Dimensions and weights for standard 4-hole vehicle mounted version

Plots

Gain

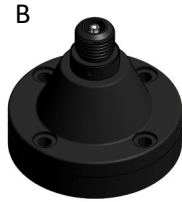### VSWR (Typical)

Marker: 446.00MHz 2.76

Base Options

A

NATO 4-hole
4 x M10 or 3/8" Bolts
on 114mm (4.5in) PCD
Base diameter 140mm (5.5in)

B

NATO 4-hole
Rigid (no spring)
4 x M10 or 3/8" Bolts
on 114mm (4.5in) PCD
Base diameter 140mm (5.5in)

C

NATO
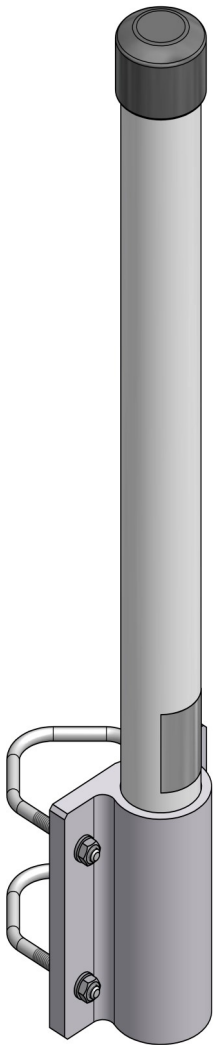50mm Thread
Base diameter 95mm (3.74in)

D

Mast Mount Bracket
Rigid (no spring)
24mm (0.95in) Spigot
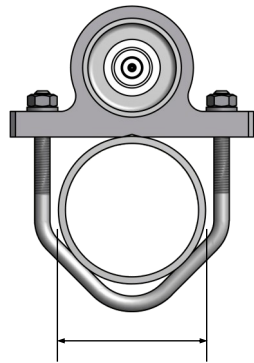50mm (1.97in) Spigot
Customer Specified

E

Tube Clamp Adaptor
Clamp area diameter 38mm
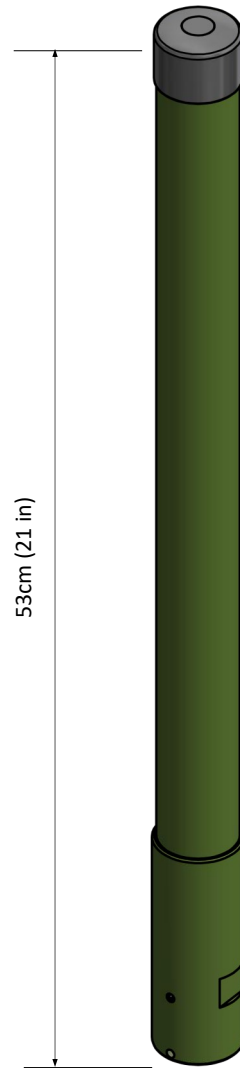Clamp area length 80mm
N-type female bottom connector

Antenna variants

A permanent mast mount
version is also available.
(Part No. UHF427M)
N type female connector
Supplied with U-bolts to fit
pole size Ø 25-65 mm

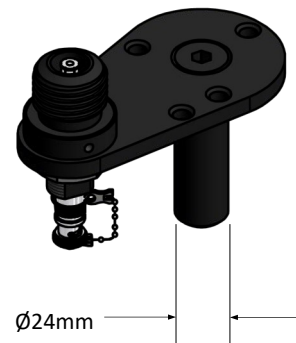Typical mast mounted
version supplied with
mast mounting
bracket (Ø24mm
spigot version shown)

53cm (21 in)

Mounting pole diameter
25-65 mm (1-2.5 in)

Ø24mm