

Features:

- 700-2700 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

Electrical specifications:

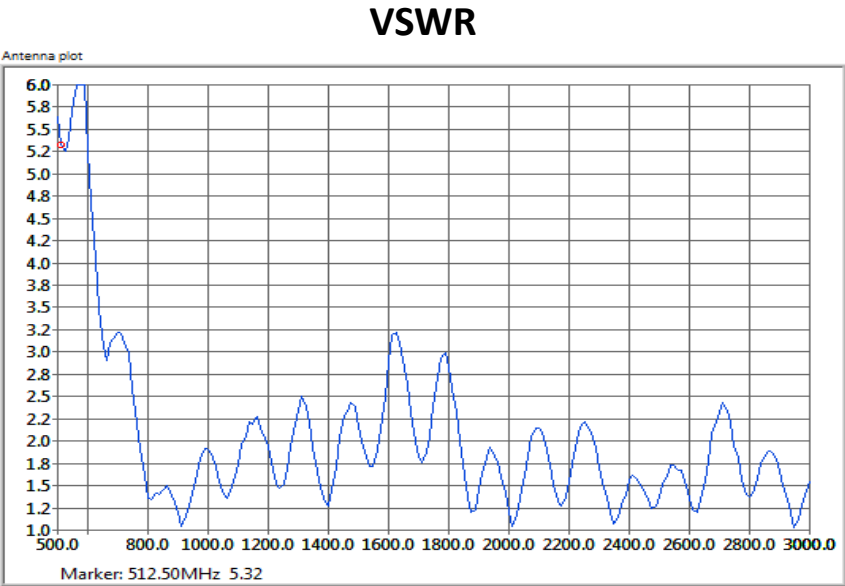
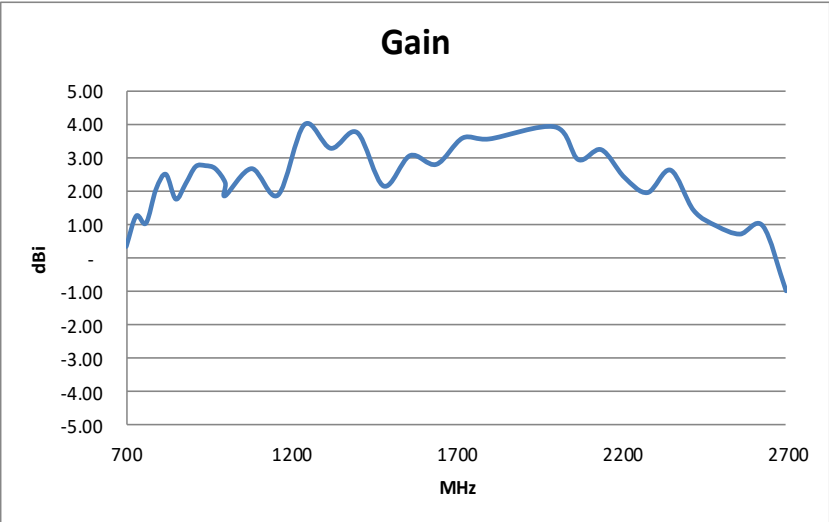
Frequency range	700-2700 MHz
VSWR	3.5:1
Nominal impedance	50Ω
Power rating	40W
Gain	See graphs overleaf
Radiation pattern	Omnidirectional within ± 2 dB
Polarization	Vertical
Connector	N Type Female (others on request)

Mechanical specifications:






Design	Stacked dipole elements. 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

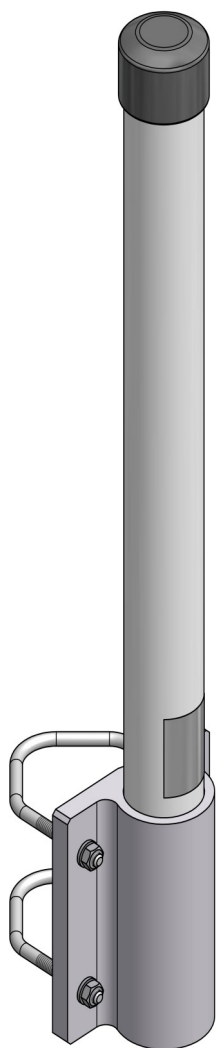
Plots



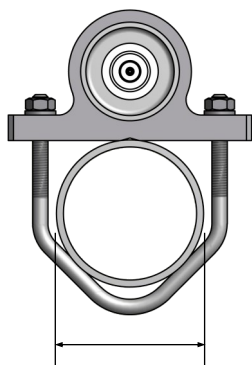
Base Options

<p>A</p> 	<p>B</p> 	<p>C</p> 	<p>D</p> 	<p>E</p> 
<p>NATO 4-hole 4 x M10 or 3/8" Bolts on 114mm (4.5in) PCD Base diameter 140mm (5.5in)</p>	<p>NATO 6-hole 6 x M6 or 1/4" Bolts on 111mm (4.37in) PCD Base diameter 140mm (5.5in)</p>	<p>NATO 50mm Thread Base diameter 95mm (3.74in)</p>	<p>Mast Mount Bracket Rigid (no spring) 24mm (0.95in) Spigot 50mm (1.97in) Spigot Customer Specified</p>	<p>NATO 4-hole Rigid (no spring) 4 x M10 or 3/8" Bolts on 114mm (4.5in) PCD Base diameter 140mm (5.5in)</p>

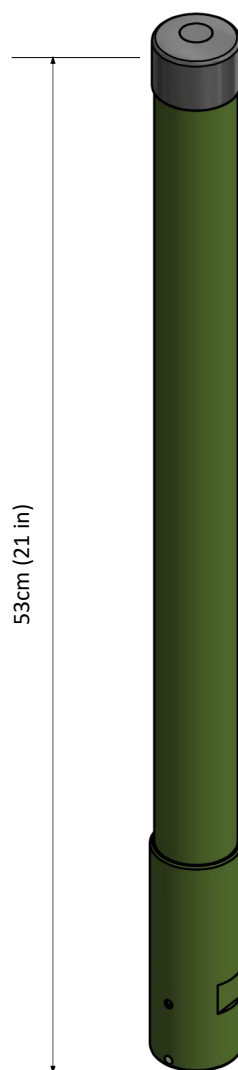
Antenna variants



A permanent mast mount version is also available.
(Part No. UHF727M)
Supplied with U-bolts to fit pole size \varnothing 25-65 mm

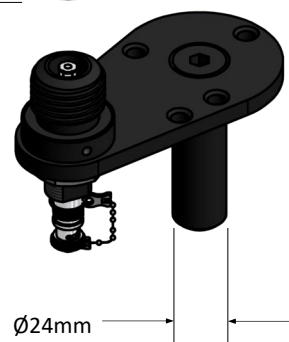


Mounting pole diameter
25-65 mm (1-2.5 in)



Mast mount version
supplied with mast
mounting bracket
(\varnothing 24mm spigot
version shown)

53cm (21 in)



\varnothing 24mm