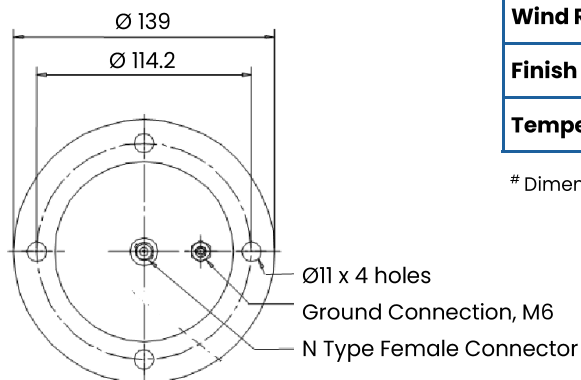
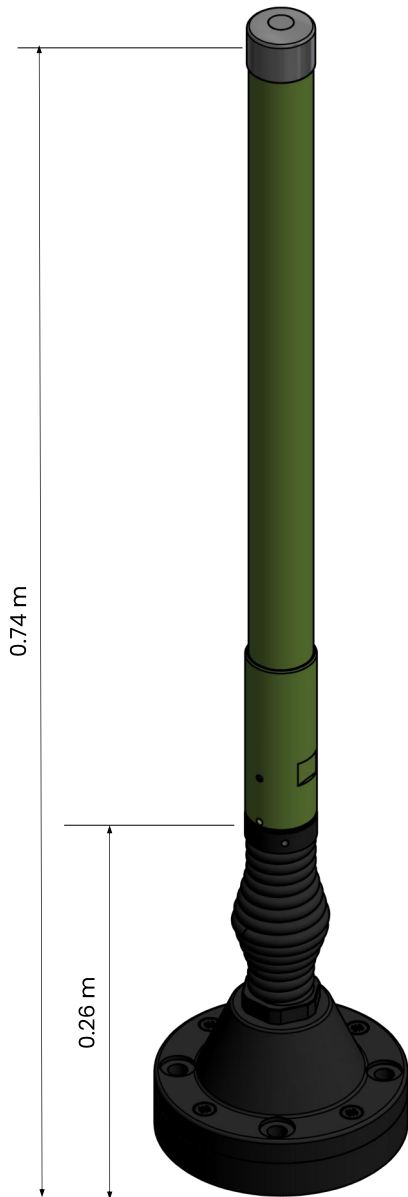


UHF727VM Series

UHF vehicle whip, dipole, 0.74 m, 700–2700 MHz

Naval Antennas and Systems: Shipboard



Features

- 700–2700 MHz (covers multiple LTE bands)
- Single connector
- Designed for operation on all military and 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

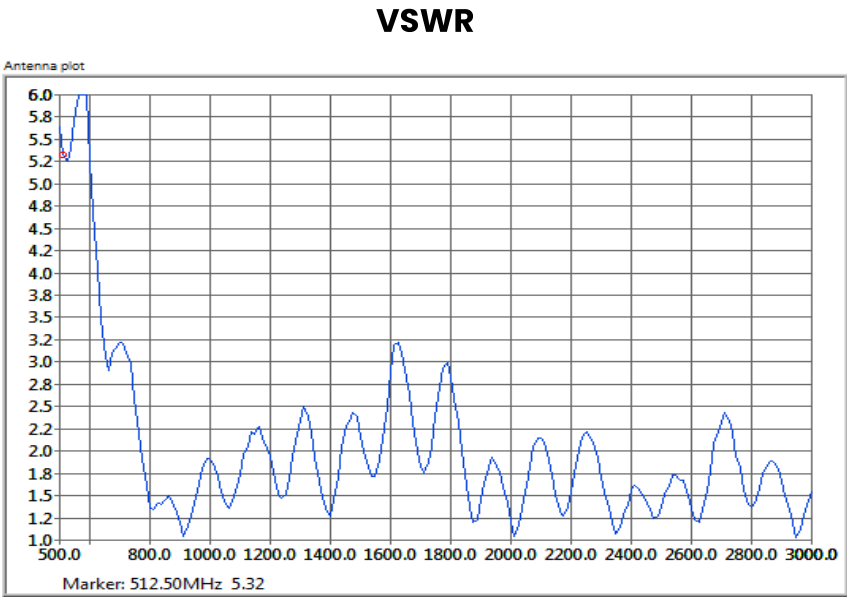
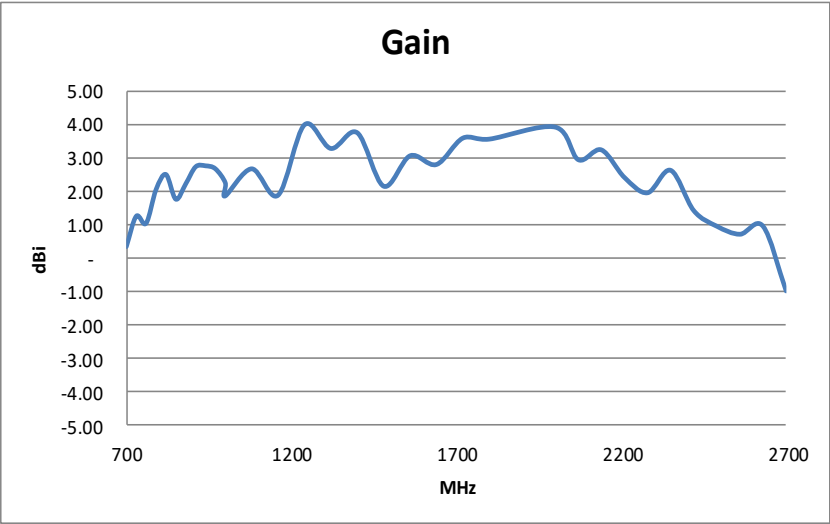
Frequency Range	700–2700 MHz
VSWR	3.5:1
Nominal Impedance	50 Ω
Power Rating	40 W
Gain	See graphs overleaf
Radiation Pattern	Omnidirectional within ± 2 dB
Polarisation	Vertical
Connector	N Type Female (others on request)

Mechanical Specifications

Design	Stacked dipole elements. Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass, aluminium and stainless steel.
Length [#]	74 cm, with spring base
Weight [#]	Whip: 0.8 kg Base: 1.8 kg
Wind Rating	55m/s = 201 km/h
Finish	Polyurethane lacquer
Temperature Range	– 55°C to + 71°C

[#] Dimensions and weights for standard 4-hole vehicle mounted version

Plots



Base Options

A

NATO 4-hole
4 x M10 or 3/8" Bolts
on 114 mm PCD
Base diameter 140 mm

B

NATO 6-hole
6 x M6 or 1/4" Bolts
on 111 mm PCD
Base diameter 140 mm

C

NATO
50 mm Thread
Base diameter 95 mm

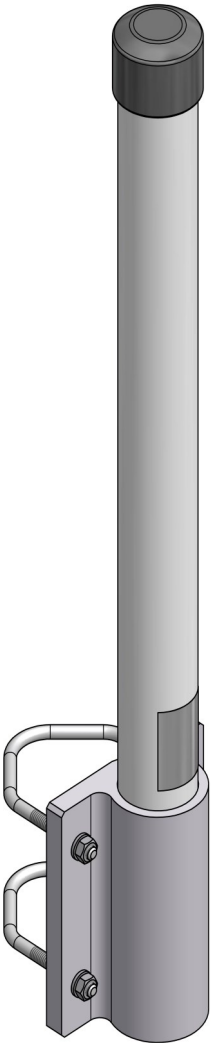
D

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

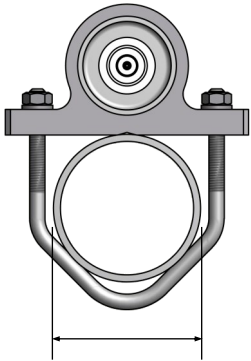
E

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

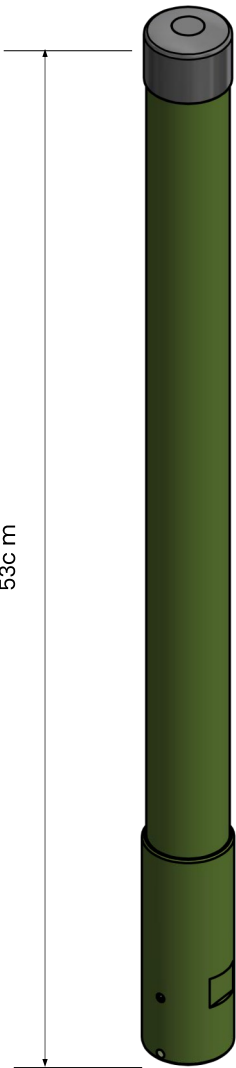
Antenna Variants



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

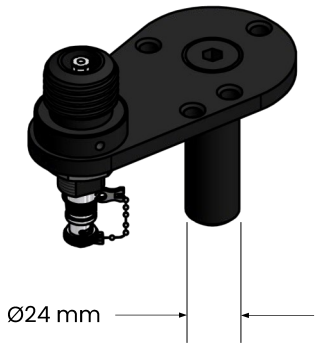


Mounting pole diameter
25-65 mm



Mast mount version supplied with mast mounting bracket (Ø24mm spigot version shown)

530 mm



Ø24 mm

September 2018

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



sales@eylex.com.au
www.eylex.com.au

