

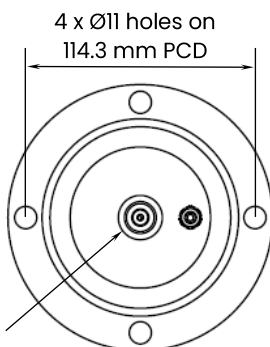
UHF630VM

UHF vehicle antenna, dipole, 0.46 m, 600–3000 MHz

Tactical Antennas: Vehicle Mount



NATO 4-hole spring base version
(see page 2 for base options)



N Type
Female
Connector

Features

- Frequency 600–3000 MHz
- Dipole design
- Wideband operation - no tuning required
- Standard NATO pattern base options
- Designed for use on all modern in-service military platforms, including armoured or soft skin, metal chassis or composite, wheeled or tracked

Electrical Specifications

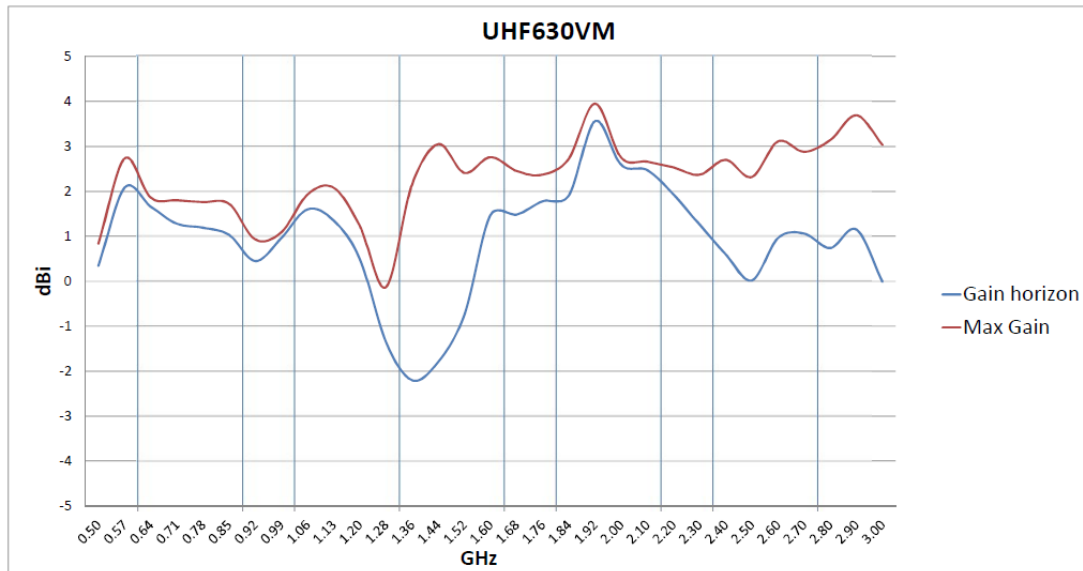
Frequency	600–3000 MHz
Polarisation	Vertical
Impedance	50 Ω
VSWR	< 3.0:1
Gain	See gain curve
Pattern	Azimuth: Omnidirectional Elevation: Dipole
Power	50 Watts
Connector	N Type Female

Mechanical Specifications

Design	Biconical dipole. Radiating element completely enclosed in epoxy/fibreglass laminate. Metal parts are brass, aluminium and stainless steel.	
Length	Total *	0.43 m
	Element	0.22 m
	Base *	0.24 m
Weight	Element	0.5 kg
	Base *	2.25 kg
Wind Rating	55 m/s = 201 km/h	
Finish	Polyurethane lacquer	
Colour	Customer specified	
Temperature Range	– 55°C to + 71°C	

* NATO 4-hole spring base version

Gain



Outline Dimensions



Base Options



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



B
NATO 4-hole
Rigid (no spring)
4 x M10 or 3/8" Bolts
on 114 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

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

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