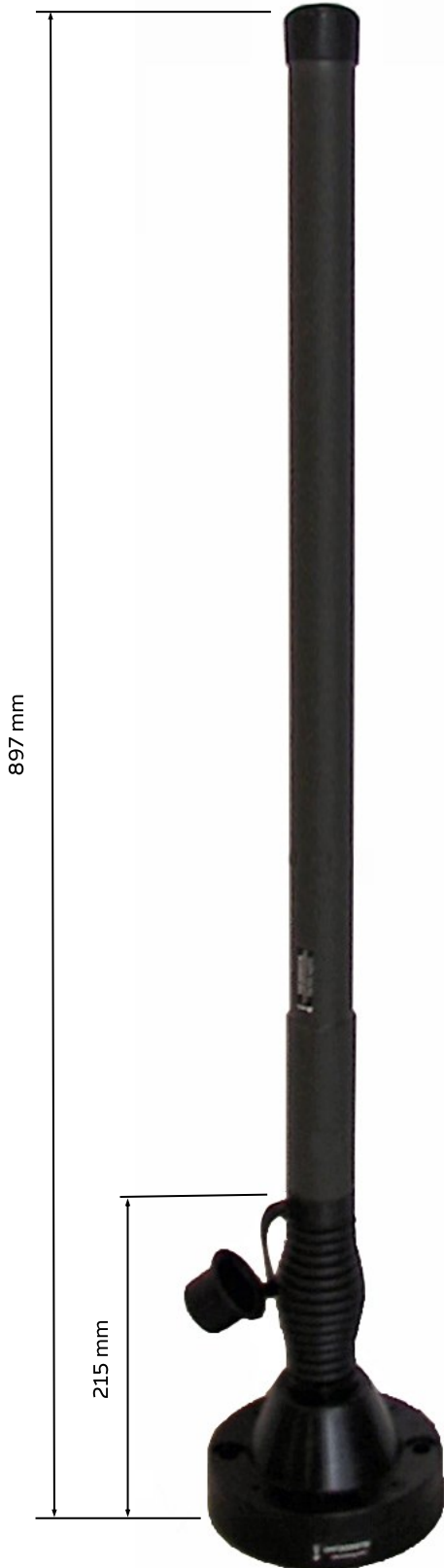


UHF2252000VM

UHF vehicle whip, dipole, 0.9 m, 225-2000 MHz
Tactical Antennas: Vehicle Mount



Application

- Ultra broadband 225-2000 MHz
- No tuning required, high efficiency across the complete band
- Dipole design, ground plane independent
- Designed for operation on all kinds of vehicles including armoured
- Suitable for operation on shelters and masts or in other permanent installations
- Rugged high quality antenna with a durable construction
- NATO flange base with spring (options available)
- GPS base option available

Electrical Specifications

Frequency Range	225-2000MHz
VSWR	< 3.5:1
Nominal Impedance	50 ohm
Power Rating	100 W
Gain	Average 2 dBi
Radiation Pattern	Azimuth: Omnidirectional Vertical: Dipole pattern
Polarisation	Vertical
Connector	N female (options available)

Mechanical Specifications

Design	Centre fed dipole. Radiating element completely enclosed in epoxy/fibreglass laminate. Metal parts are brass, aluminium and stainless steel.
Length	0.875 m, with spring base
Weight	Whip: 1.1 kg Base: 2.2 kg
Wind Rating	55 m/s = 201 kph
Finish	Polyurethane lacquer, olive drab.
Temperature Range	- 55°C to + 71°C

Antenna Base Options

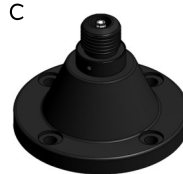
Bases are available to suit most installations including vehicle, mast and shelter mounting. Many are available with optional L1 and L1/L2 GPS. All bases are supplied with a protective top cap. See below for mounting options:-



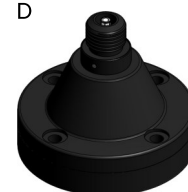
A
NATO 4-hole Spring
4 x M10 or 3/8" Bolts
on 114mm PCD
Base diameter 140 mm
Base height 215 mm



B
NATO 4-hole Spring GPS
4 x M10 or 3/8" Bolts
on 114mm PCD
Base diameter 140 mm
Base height 240 mm



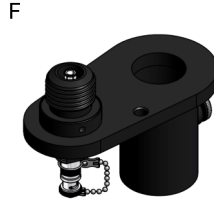
C
NATO 4-hole Rigid
4 x M10 or 3/8" Bolts
on 114 mm PCD
Base diameter 140 mm
Base height 100 mm



D
NATO 4-hole Rigid GPS
4 x M10 or 3/8" Bolts
on 114 mm PCD
Base diameter 140 mm
Base height 125 mm



E
General Purpose
Bulkhead Adaptor
Mounting hole
diameter 22 mm



F
Mast Mount Bracket
40 mm Socket
50 mm Socket
Customer Specified



G
Mast Mount Bracket
24 mm Spigot
40 mm Spigot
50 mm Spigot
Customer Specified

GPS Electrical Specifications

	L1 GPS	L1/L2 GPS
Frequency Band	1575.42 ± 10 MHz	1227.60 ± 10 MHz
Supply Voltage	2.7-5.5 V	2.7-5.5 V
Pre-amplifier	25 dB @ 5 V	26.5 dB @ 5 V
Noise Figure	2.5 dB	2.5 dB
Supply Current	< 20 mA	< 42 mA
Polarisation	RHCP	RHCP
Connector	SMA female	SMA female

January 2023

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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