

## VHF3088DB-1450

VHF/UHF vehicle whip, monopole/dipole, 1.53 m,  
30-88 MHz, 1215-1525 MHz

### Tactical Antennas: Vehicle Mount



## Features

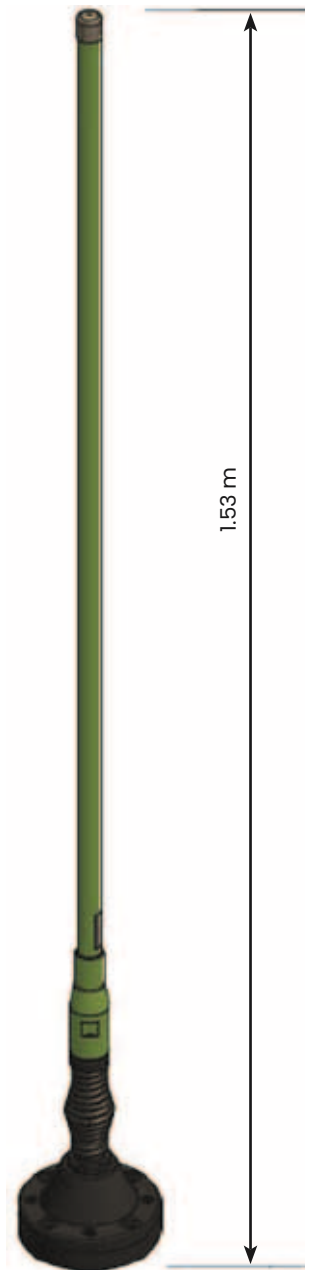
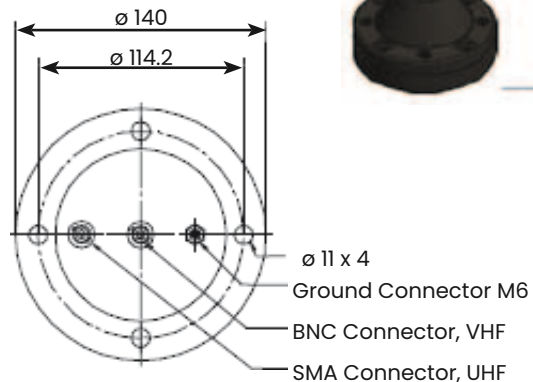
- 30 to 88 MHz and 1215 to 1525 MHz
- 2 ports for VHF and UHF
- Designed for operation on all kinds of vehicles including Jeeps, trucks and other armoured vehicles
- Suitable for operation on shelters and to be mounted on masts or in other permanent installations
- Rugged high quality antenna with a durable construction
- NATO flange base with spring
- UHF antenna element located at the top of the whip for maximum range
- VHF requires a ground plane
- Available with GPS, L1 or L1/L2 in the base

## Mechanical Specifications

<b>Design</b>	VHF: End fed monopole UHF: Stacked dipole elements. Radiating elements completely enclosed in epoxy fibreglass laminate. Metal parts are brass and stainless steel.
<b>Length</b>	1.53 m
<b>Weight</b>	Whip: 1.1 kg Base: 2.6 kg
<b>Wind Rating</b>	55 m/s
<b>Finish</b>	Polyurethane lacquer
<b>Temperature Range</b>	- 55°C to + 71°C

## Electrical Specifications

<b>Frequency Range</b>	VHF: 30 - 88 MHz UHF: 1215 - 1525 MHz
<b>VSWR</b>	VHF: < 3.5 UHF: < 2.5
<b>Port-to-Port Isolation</b>	> 25 dB
<b>Nominal Impedance</b>	50 W
<b>Power Rating</b>	VHF: 100 W CW UHF: 35 W CW
<b>Gain</b>	VHF: - 4 .. 1 dB rel. ¼ whip UHF: ~ + 3 dBi
<b>Radiation Pattern</b>	Horizontal Plane: Omnidirectional
<b>Polarisation</b>	Vertical
<b>Connector</b>	VHF: Bottom base BNC UHF: Bottom base SMA



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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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