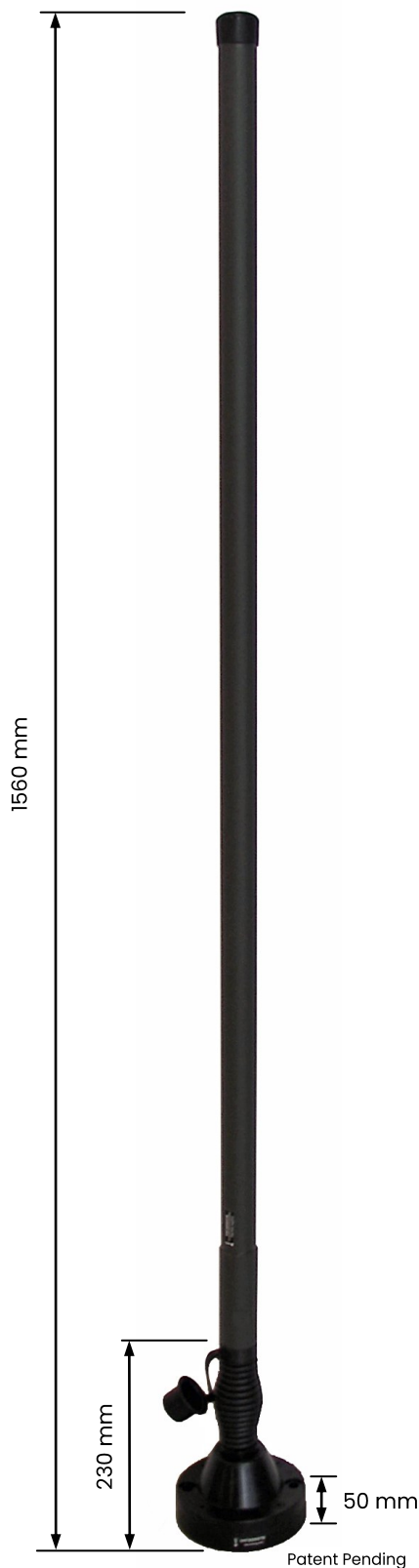


VHF302000DB

VHF/UHF/L-Band vehicle whip, monopole/dipole, 1.56 m,
30–512 MHz 1200–2000 MHz

Tactical Antennas: Vehicle Mount



Features

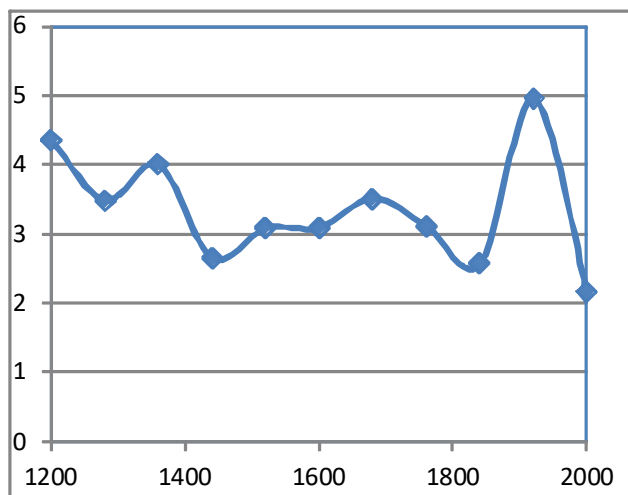
- 30–512MHz and 1200–2000 MHz (useable up to 2700MHz)
- 2-ports VHF/UHF and L-Band
- Designed for operation on all kinds of vehicles including armoured vehicles
- Suitable for operation on shelters and to be mounted on masts or in other permanent installations
- Rugged high quality antenna with a durable construction
- NATO flange base with spring
- L-Band antenna elements located at the top of the whip for maximum range
- VHF requires a ground plane

Electrical Specifications

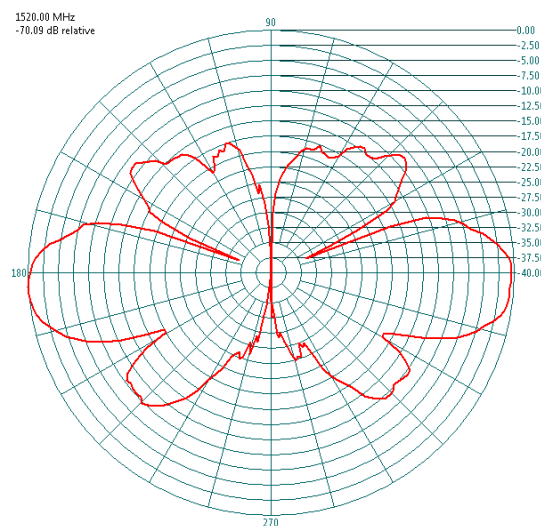
Frequency Range	VHF/UHF: 30–512 MHz
	L-Band: 1200–2700 MHz
VSWR	VHF/UHF: < 3.0:1
	L-Band: < 3.0:1
Port-to-Port Isolation	> 20 dB
Nominal Impedance	50 Ω
Power Rating	VHF/UHF: 75 W
	L-Band: 50 W
Gain	VHF/UHF: –7.5 to 1.5 dB rel. ¼-whip
	L-Band: See graph
Radiation Pattern	See diagram overleaf, omnidirectional within ± 2 dB
Polarisation	Vertical
Connector	VHF/UHF: TNC female
	L-Band: N type female
	Other connectors on request

Mechanical Specifications

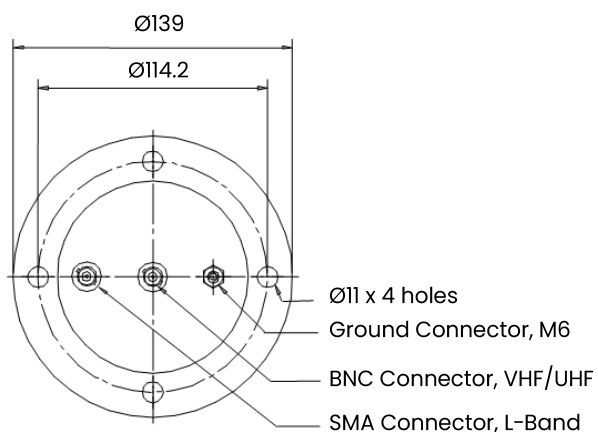
Design	VHF/UHF: End feed monopole.
	L-Band: dipole elements. Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass, stainless steel and aluminium.
Length	1.56 m
Weight	Whip: 1.1 kg
	Base: 2.6 kg
Wind Rating	55m/s
Finish	Polyurethane lacquer
Temperature Range	– 55°C to + 71°C



L-Band Gain, dBi



Typical L-Band Elevation Radiation Pattern



Picture of CEF connection
on top of the base

July 2019

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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