

## VHF3088DB/WLAN

VHF/WLAN vehicle whip, monopole/dipole, 1.6 m,  
30-88 MHz, 2400-2500 MHz

### Tactical Antennas: Vehicle Mount



### Technical Description

- 30-88 MHz and 2400-2500 MHz
- 2 connectors, VHF and WLAN (WiFi)
- Designed for operation on all kinds of vehicles including armoured vehicles
- Suitable for operation on shelters, masts and other permanent installations
- Rugged high quality antenna with a durable construction
- NATO flange base with spring
- WLAN antenna element located at the top of the whip for maximum range
- VHF requires a ground plane

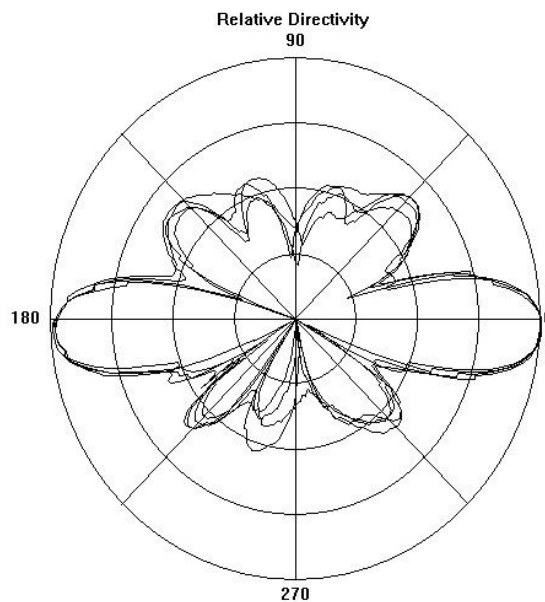
### Electrical Specifications

	VHF	WLAN
Frequency Range	30-88 MHz	2400-2500 MHz
VSWR	≤3.5:1	≤2.5:1
Nominal Impedance	50 Ω	
Power Rating	100 W CW	10 W CW
Gain	-4..1 dB rel. ¼-whip	4 dBi
Radiation Pattern	Azimuth: Omnidirectional Elevation: See diagram overleaf (WLAN)	
Polarisation	Vertical	
Connector	BNC female	SMA female

### Mechanical Specifications

Design	VHF: End feed monopole. WLAN: Collinear dipoles. Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass and stainless steel.
Length	1.6m
Weight	Whip: 1.2kg Base: 2.6kg
Wind Rating	55m/s
Finish	Polyurethane lacquer
Temperature Range	- 55°C to + 71°C

## Radiation Pattern, Elevation, WLAN

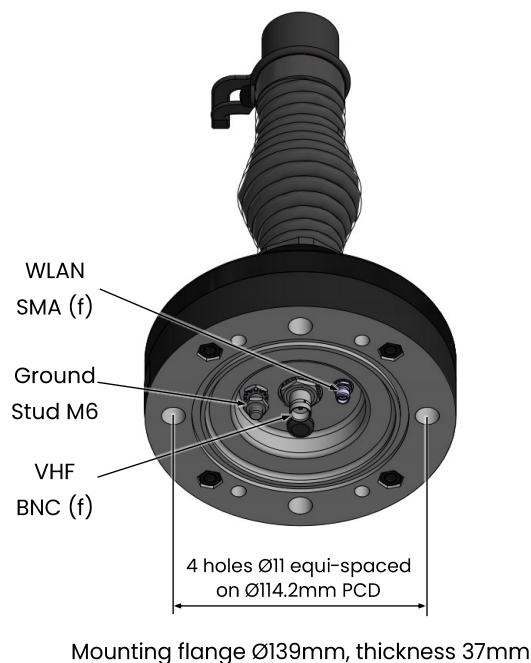


40dB dynamic range

2400, 2420, 2460 and 2480MHz

## Base Details and Connections

Base height 262 mm



CEF connection  
on top of the base

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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

Partnered Supplier



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