

### Technical Description

- High gain antenna for the Wireless LAN
- 2400-2500 MHz, IEEE 802.11g
- Stacked dipole design
- Designed for operation on all kinds of vehicles including Jeeps, Trucks and other armoured vehicles.
- Suitable for operation on shelters, mounted on masts or on other permanent installations.
- NATO 4-hole flange base with spring
- Antenna base with L1 or L1/L2 GPS option

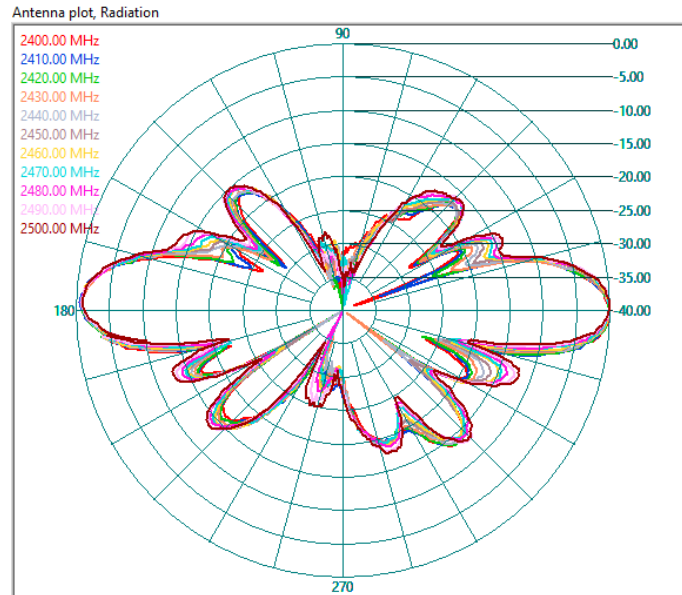
### Electrical specifications:

Frequency range	2400-2500 MHz
VSWR	< 2
Nominal impedance	50 ohm
Power rating	5 W CW
Gain	8dBi nominal
Radiation pattern	Omnidirectional
Polarization	Vertical
Connector	N female, others on request

### Mechanical specifications:

Design	Phased $\lambda/2$ elements in a collinear array . Radiating element completely enclosed in epoxy fiberglass laminate. Metal parts are brass and stainless steel.
Length	0.8 m (standard spring base)
Weight	3.25 kg (standard spring base)
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, olive drab.
Temperature range	-55 °C, +71°C; -67 °F, +160 °F

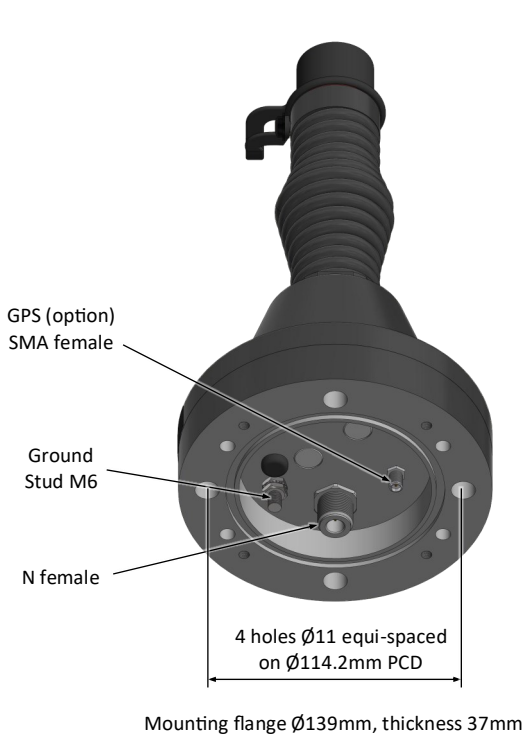
## Radiation Pattern (typical)



## Base Details & Connections

Base height 244mm (standard)

Base height 262mm (with GPS option)



CEF connection on top of the base

## GPS Electrical Specification

	L1 GPS	L1/L2 GPS
Frequency Band	1575.42 ± 10 MHz	1227.60 ± 10 MHz 1575.42 ± 10 MHz
Power Supply	2.7-5.5 V @ <60mA, + centre	2.7-5.5 V @ <60mA, + centre
Amplifier Gain	25 dB, GPS	25 dB, GPS
Pre-amplifier	26.5 dB @ 5 V	26.5 dB @ 5 V
Noise Figure	2.5 dB	2.5 dB
Polarization	RHCP	RHCP