



### SPECIFICATIONS:

<b>Electrical:</b>	
Frequency range	2400 – 2500 MHz
VSWR	< 1.5:1
Nominal input impedance	50 Ω
Connector	N-Type male
Feed power handling	10 W
Gain	6 dBi ± 1 dB
Polarisation	Linear, vertical
Ground plane	Not required
<b>Mechanical:</b>	
Dimensions (l x w)	460 mm x Ø22 mm
Weight	< 200 g
<b>Environmental:</b>	
Wind survival	160 km/h
Temperature range	-31 °C to +71 °C
Water ingress rating	IP 66 (when mounted on connector)
Shock and vibration	MIL-STD 810E 516.4: Vibration category 8, shock 40g

### PRODUCT FEATURES:

- Wideband
- Omni-directional azimuth pattern
- High-power handling
- Spring mounted element
- Weatherproof

### PRODUCT DESCRIPTION:

This is a wideband, high gain, compact communications antenna for use in the 2.4 GHz band. The antenna is equipped with a DC short for static and surge protection.

The mechanical design features a sprung connector mounting system that protects the antenna against impacts typically endured during rough field use.

# 2.4 GHz Manpack Communications Antenna

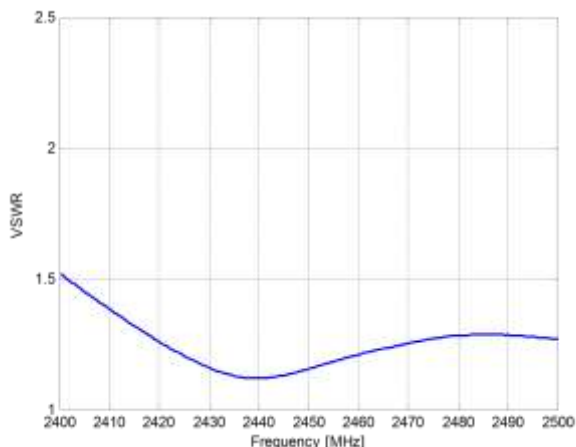
2400-2500 MHz

Product Code: OMNI-A0154

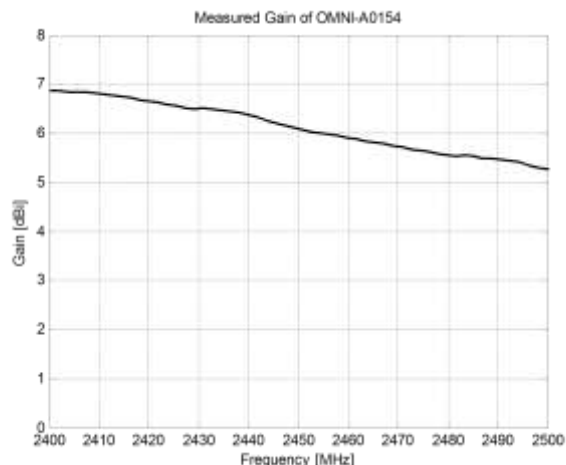
VERSION: 2.2

## VSWR AND GAIN GRAPHS:

VSWR

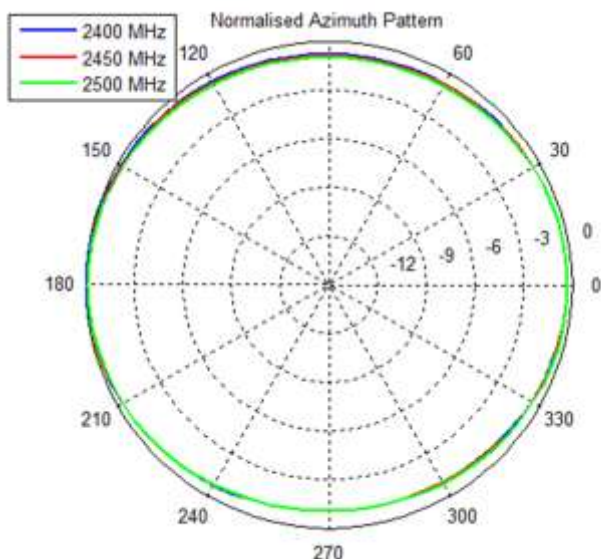


GAIN



## ANTENNA PATTERNS:

Azimuth (H-plane)



Elevation (E-plane)

