



SPECIFICATIONS:

Electrical:	
Frequency range	5200 – 5900 MHz
VSWR	< 2:1
Nominal input impedance	50 Ω
Connector	N-Type male
Feed power handling	10 W
Gain	See graph
Polarisation	Linear, vertical
Ground plane requirements	Ground plane independent
Mechanical:	
Dimensions (l x w)	460 mm x Ø22 mm
Weight	< 250 g
Environmental:	
Wind survival	160 km/h
Temperature range	-31 °C to +71 °C
Water ingress rating	IP66 (when mounted on connector)
Shock and vibration	MIL-STD-810 E 516.4: Vibration category 8, shock 40 g

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 5 to 6 GHz band.

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

The antenna is designed for outdoor use on a manpack or other mobile platform.

5 GHz Manpack Communications Antenna

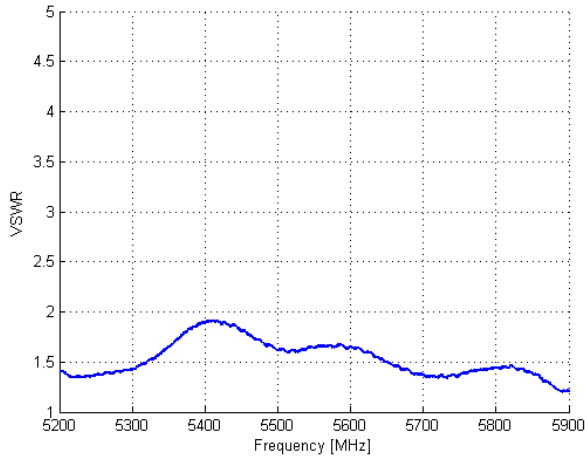
5200 – 5900 MHz

Product Code: OMNI-A0153

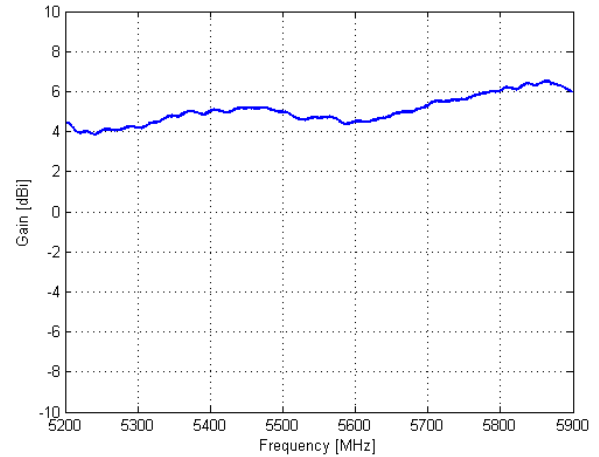
VERSION: 3.0

VSWR AND GAIN GRAPHS:

VSWR

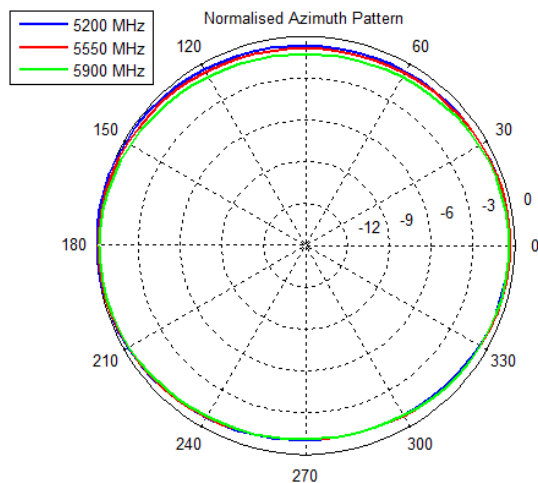


Gain



ANTENNA PATTERNS:

Azimuth (H-plane)



Elevation (E-plane)

