

Vertically Polarised Omni-Directional Antenna

2.4 - 2.5 GHz

Product code: OMNI-A0050

This high gain omni directional antenna is developed for the 2.4 - 2.5 GHz band and is ideal for hotspot and base-station Wireless installations.

OMNI-A0050 is ready for wall-mounting.

A bracket is available for mast mounting.

Features:

2.4 - 2.5 GHz Frequency Range

Pole mount or Wall mount

Waterproof

Easy installation

Application areas:

Hotspot installations

WLAN Base Station



Specifications:

Product Code:
OMNI-A0050

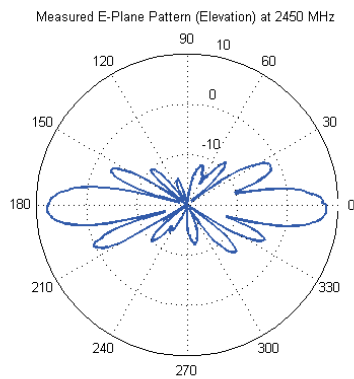
Electrical:

Gain (max)	8.5 dBi (± 0.5 db)
Gain (min. over band)	7.5 dBi (± 0.5 db)
Input Frequency	2.4 - 2.5 GHz
VSWR	< 2.0:1
E-plane 3 dB beamwidth	16° ($\pm 2^\circ$)
Feed power handling	10 W
Nominal input impedance	50 Ohm
Connector	N(f)
Polarisation	Vertical

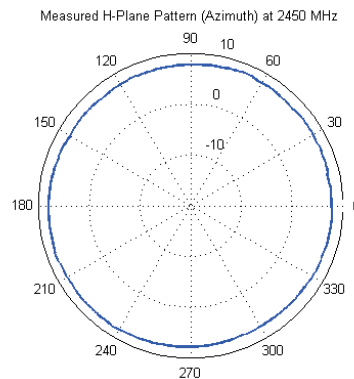
Mechanical:

	OMNI-A0050
Dimensions (l x d)	520 mm X 25 mm
Weight	230 g

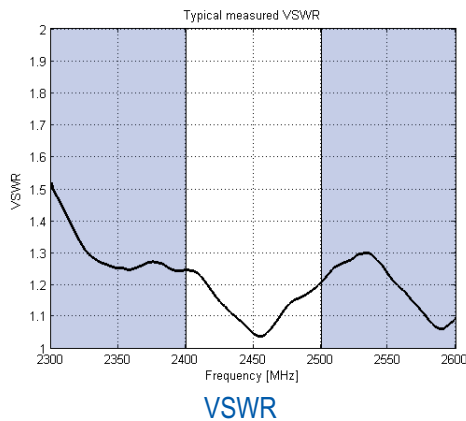
Measured VSWR, Patterns and Gain:



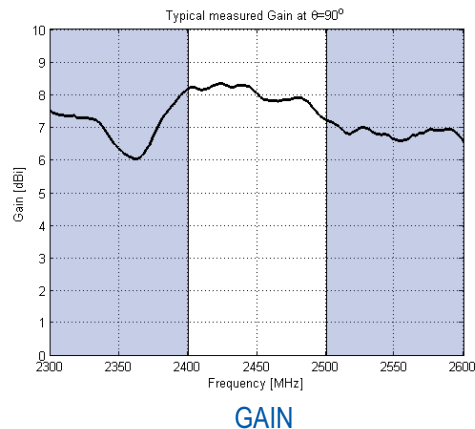
E-Plane Radiation Pattern



H-Plane Radiation Pattern



VSWR



GAIN

Specifications subject to change without notice