

# Vertically Polarised Omni

2.4 - 2.5 GHz

Product code: OMNI-A0004



This vertically polarised, 4dBi , omni directional antenna is developed for the 2.4-2.5 GHz ISM band. OMNI-A0004 is ideal for the realisation of point to multipoint communication platforms. This antenna is ceiling mounted.

## Features

- Indoor or outdoor use
- Waterproof
- Easy installation.

## Application areas

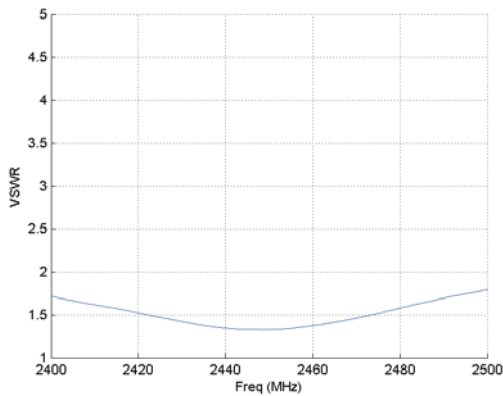
- Point to multipoint communication in the 2.4-2,5 GHz band
- Used with 802.11b and g equipment.

Specifications:

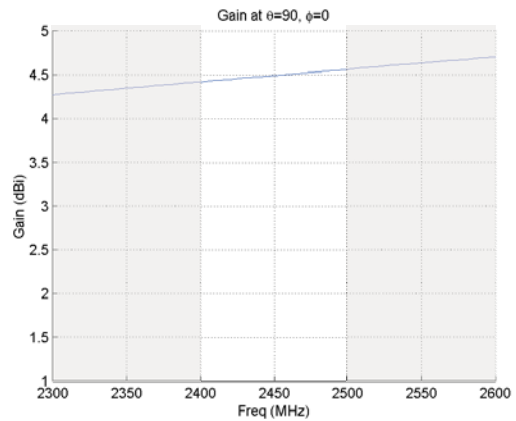
<b>Product Code:</b>	OMNI-A0004-02	Ceiling mount with flylead
<b>Electrical:</b>		
Gain (Max)	4.5 dBi ( $\pm 0.5$ dB)	
Gain (Min. over band)	4.0 dBi ( $\pm 0.5$ dB)	
Frequency	2.4 - 2.5 GHz	
VSWR	< 2:1	
E-plane 3 dB beamwidth	40° ( $\pm 2^\circ$ )	
Feed power handling	10 W	
Nominal input impedance	50 Ohm	
Connector	N(f)	
Polarisation	Vertical	
<b>Mechanical:</b>		
Mounting	Ceiling mount	
Dimensions (l x d)	160mm X 75mm	
Weight	290 g	
Flylead length	300mm (min)	

Simulated gain, radiation plots and measured VSWR:

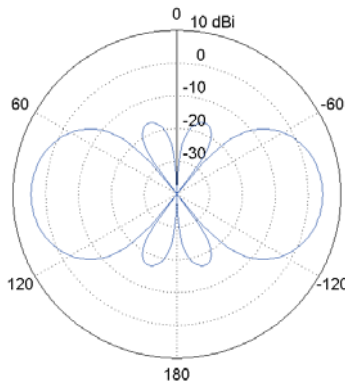
Simulated VSWR plot:



Simulated Gain plot:



Simulated E-Plane pattern



Specifications subject to change without notice