

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:

Product Code: OMNI-A0004-02 Ceiling mount with flylead

Electrical:

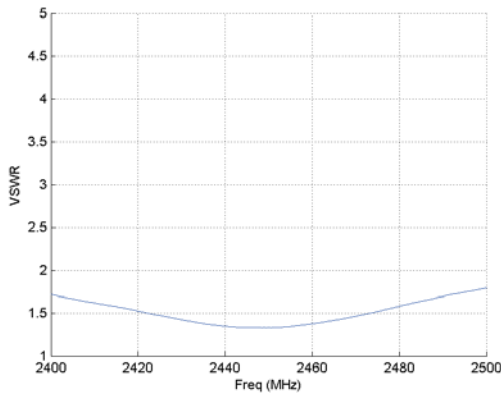
Gain (Max) 4.5 dBi (± 0.5 dB)
 Gain (Min. over band) 4.0 dBi (± 0.5 dB)
 Frequency 2.4 - 2.5 GHz
 VSWR < 2:1
 E-plane 3 dB beamwidth 40° ($\pm 2^\circ$)
 Feed power handling 10 W
 Nominal input impedance 50 Ohm
 Connector N(f)
 Polarisation Vertical

Mechanical:

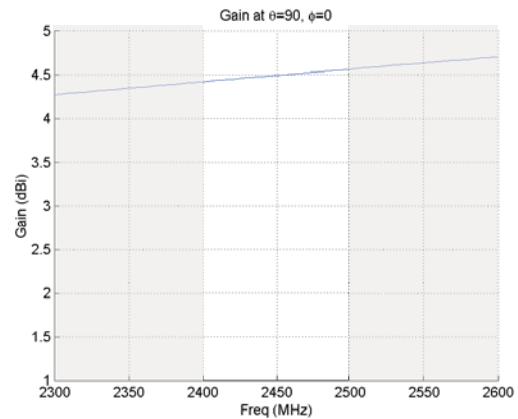
Mounting Ceiling mount
 Dimensions (l x d) 160mm X 75mm
 Weight 290 g
 Flylead length 300mm (min)

Simulated gain, radiation plots and measured VSWR:

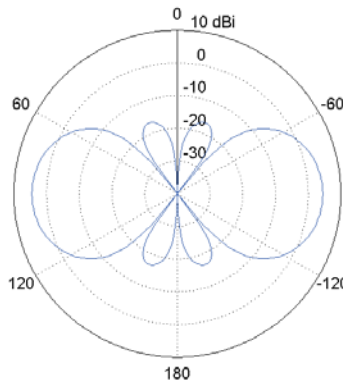
Simulated VSWR plot:



Simulated Gain plot:



Simulated E-Plane pattern



Specifications subject to change without notice