



## DESCRIPTION

The OMNI-296 antenna is a dual-band Wi-Fi omni-directional antenna, developed by Poynting Antennas. The antenna can connect to any Wi-Fi access point whether it is older Wi-Fi technology or new dual band Wi-Fi technology.

The antenna can therefore be used to resolve channel saturation and provide the ultimate in Wi-Fi performance and flexibility.

This means that the antenna can also be used for point to point links where there is abundance of RF noise and cluttered environments.

The antenna operates in the two Wi-Fi frequency bands (2.4 GHz and 5 GHz), offering excellent utilization of the radio spectrum.

The antenna has a maximum gain of 6dBi in the 2.4GHz band and 7.5dBi in the 5GHz band, which offers the best performance with reliable connections.

The antenna also covers the 3.5 GHz CBRS band, which will be used for future 5G technologies with a peak gain of 7dBi.

The housing is made of ABS which is a high impact resistant plastic and is also resistant to acids and other chemicals that may occur in industrial plants.

The antenna has an N-Type female connector at its base which can be connected to a cable of the desired type and length.

High light :

- Dual-band 2.4 GHz and 5 GHz Wi-Fi antenna
- Omni-directional antenna with medium gain
- Complaint with IEEE 802.11b/g/n and 802.11ac wireless standard
- Covers the 3.5 GHz CBRS band for future 5G applications
- Vandal and water-resistant enclosure (IP 65)

## TECHNICAL CHARACTERISTICS

Brand : POYNTING

Part number : OMNI-296