



4ipnet ANT-OD245805M is an N-type 5 dBi omni-directional antenna that is professionally engineered and manufactured from the highest quality components. The antenna is specifically designed for operation in both the 2.4 and 5 GHz bands, supporting wireless transmission under the IEEE 802.11a/b/g/n standard and works in compliment with the 4ipnet OWL Series Outdoor Access Points such as OWL530 and OWL620.

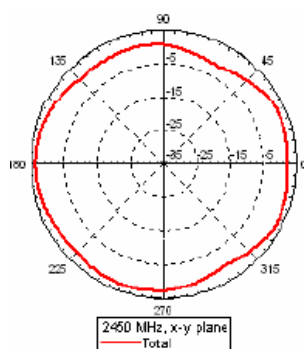
The radome of the ANT-OD245805M is constructed with durable and weatherproof white TPEE (Thermoplastic Elastomer), keeping debris away from the antenna and ensuring the antenna's transmission capability. Furthermore, the antenna has undergone a strict quality test to guarantee its quality.

Users looking for a high-quality antenna should look no further – the ANT-OD245805M is a rugged antenna that offers flexible deployment option, and provides super wireless performance for both outdoor and indoor usage.

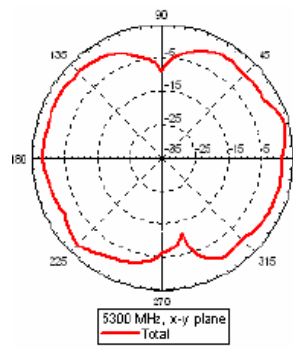
ANTENNA PATTERN

1) 2.4GHz Horizontal Pattern (H-plane)

2) 5GHz Horizontal Pattern (H-plane)



(1)



(2)

SPECIFICATIONS

Electrical Specifications

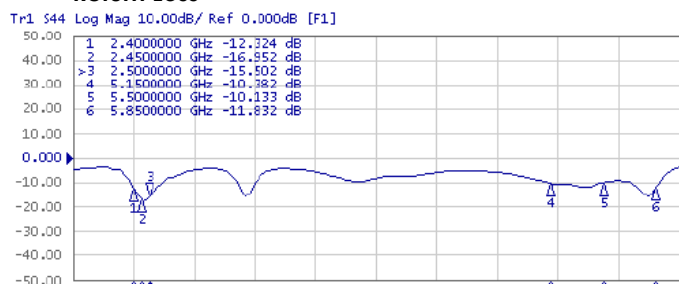
- Frequency Range: 2400 – 2500, 5100 – 5800 MHz
- V.S.W.R: ≤ 2.0
- Return Loss: ≥ -20 dB
- Antenna Type: Omni, Collinear
- Gain: 5 dBi (2.4 GHz); 5 dBi (5 GHz)
- Polarization: Linear
- Maximum Power: 50W
- Impedance: 50 Ohm
- Connector: N-Male

Mechanical Specifications

- Operating Temperature: -40°C to +65°C
- Operating Humidity: 10% ~ 90% non-condensing
- Mounting Options: Wall-mount, Pole-mount
- Length: 287 mm
- Diameter: 198 mm
- Antenna Weight: 50g
- Radome Material: TPEE

RETURN LOSS & VSWR

Return Loss



VSWR (Voltage Standing Wave Ratio)

