



## 5/7 dBi Outdoor Dual Band Omni Antenna Kit TEW-AO57 (v1.0R)

- Pair of outdoor omni-directional dual band antennas
- 2.4 GHz: 5 dBi
- 5 GHz: 7 dBi
- N-Type male connector
- Compatible with 802.11ac/n/g/b/a routers and access points with N-Type female connectors

TRENDnet's 5/7 dBi Outdoor Dual Band Omni Antenna Kit, model TEW-AO57, comes with a pair of high performance outdoor antennas which support 2.4 and 5 GHz radio transmissions. The omni-directional antennas provide blanket wireless coverage and have N-Type male connectors. The antennas work with 802.11ac/n/g/b/a routers and access points with N-Type female connectors.

## Performance



### Antenna Kit

Comes with a pair of outdoor antennas



### Outdoor

Durable antenna construction for extreme outdoor conditions



### Omni-Directional

Omni-directional antennas for blanket wireless coverage



### Dual Band Support (2.4 + 5 GHz)

Compatible with 802.11ac/n/g/b/a routers and access points



### Antenna Gain

2.4 GHz peak gain: 5 dBi

5 GHz peak gain: 7 dBi

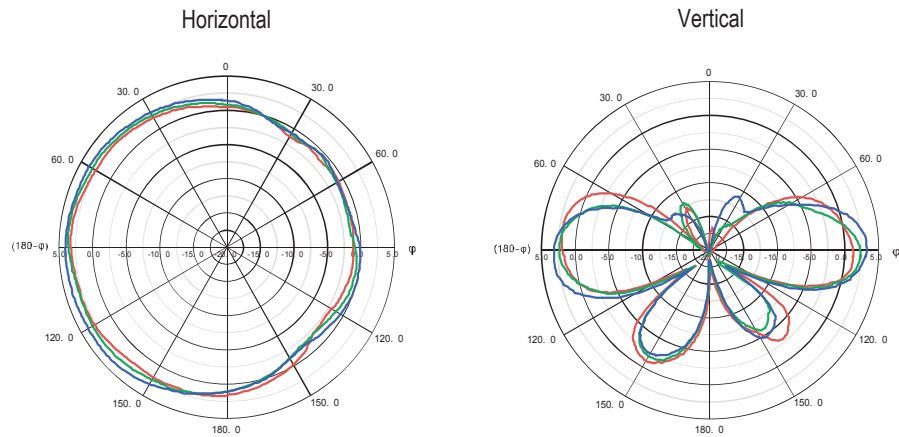


### N-Type Connector

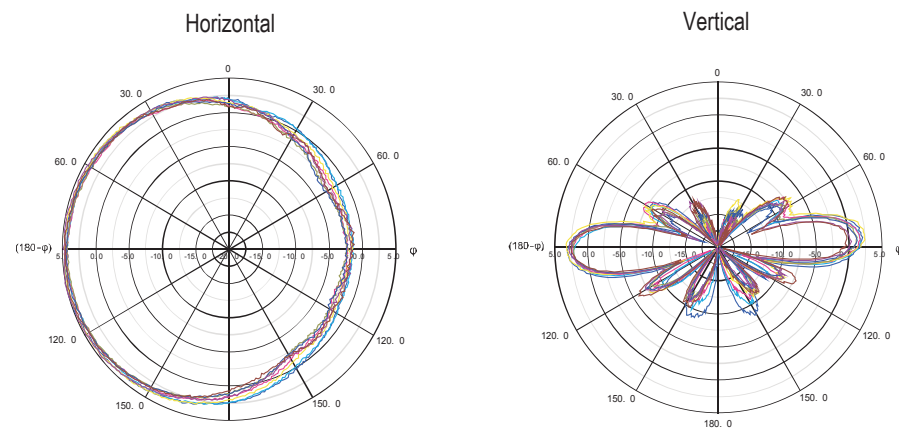
N-Type male connectors are compatible with routers and access points with N-Type female connectors

## Performance Summary

Radiation Pattern 2.4 GHz



Radiation Pattern 5 GHz



## Specifications

### Antenna

- Omni-directional dual band (2.4 + 5 GHz)

### Frequency

- 2.4 GHz: 2.4 - 2.5 GHz
- 5 GHz: 5.15 – 5.88 GHz

### Peak Gain

- 2.4 GHz: 5 dBi (max.)
- 5 GHz: 7 dBi (max.)

### Polarization

- Linear, Vertical

### Connector type

- N-Type male

### Half-Power Beam Width (HPBW)

- Horizontal: 360°
- Vertical: 30°

### Voltage Standing Wave Ratio (VSWR)

- 2.0 max.: 1

### Nominal Input Impedance

- 50 Ohms

### Power Handling

- 2 Watts

### Operating Temperature

- -40 – 70 °C (-40 – 158 °F)

### Operating Humidity

- Max. 95 % non-condensing

### Compatibility

- Compatible with 802.11ac/n/g/b/a routers and access points with N-Type female connectors

### Dimensions

- Individual antenna: 22 x 178 mm (0.9 x 7.0 in.)

### Weight

- Individual antenna: 58 g (2 oz.)
- Both antennas: 116 g (4 oz.)

### Warranty

- 3 year limited

### Package Contents

- TEW-AO57 (2 x antennas)
- Quick Installation Guide

\* Effective wireless coverage may vary depending on the wireless device's output power, antenna gain, antenna alignment, receiving sensitivity, and radio interference. Additionally environmental factors such as weather conditions, physical obstacles, and other considerations may affect performance. For optimal results, we recommended consulting a professional installer for site survey, safety precautions, and proper installation.

