TRENDnet’s 4/6 dBi Surge Outdoor Dual Band Omni Antenna Kit, model TEW-AO46S, 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, have an N-Type male connector, and feature a replaceable surge protection fuse. 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: 4 dBi
  5 GHz peak gain: 6 dBi

- **Surge Protection**
  Replaceable surge protection fuse and grounding point

- **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: 4 dBi (max.)
  • 5 GHz: 6 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
Surge Protection
  • Replaceable surge protection fuse
  • Grounding point
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: 20 x 220 mm (0.8 x 8.7 in.)
Weight
  • Both antennas: 224 g (8 oz.)
  • Individual antenna: 112 g (4 oz.)
Warranty
  • 3 year limited
Package Contents
  • TEW-AO46S (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.