



4/6 dBi Surge Outdoor Dual Band Omni Antenna Kit TEW-AO46S (v1.0R)

- · Pair of outdoor omni-directional dual band antennas
- 2.4 GHz: 4 dBi
- 5 GHz: 6 dBi
- Replaceable surge protection fuse
- N-Type male connector
- Compatible with 802.11ac/n/g/b/a routers and access points with N-Type female connectors

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.

TRENDNET®

TEW-AO46S

Performance



Antenna Kit

Comes with a pair of outdoor antennas

Outdoor

Durable antenna construction for extreme outdoor conditions

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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



Replaceable surge protection fuse and grounding point

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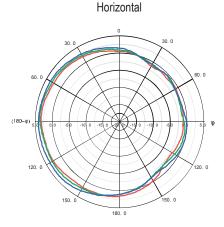
N-Type Connector

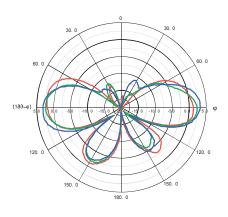
Surge Protection

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

Performance Summary

Radiation pattern 2.4 GHz

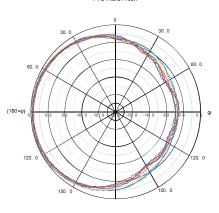


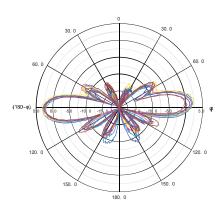


Radiation pattern 5 GHz

Horizontal







Vertical



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°

• 2.0 max.: 1

• 50 Ohms Power Handing • 2 Watts Surge Protection

• Grounding point Operating Temperature • -40 - 70 °C (-40 - 158 °F)

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· Replaceable surge protection fuse

Nominal Input Impedance

Voltage Standing Wave Ratio (VSWR)

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 align-ment, 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.



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