TEW-AO46S (v1.0R)

SETUP INFO

UPC #	710931130539
Product Page	http://www.trendnet.com/langen/products/proddetail.asp?prod=105_TEW-AO46S
Additional Images	http://www.trendnet.com/langen/support/supportdetail.asp?prod=105_TEW-AO46S
Alternate Product Name	4/6 dBi Surge Outdoor 2.4 Ghz, 5 GHz Dual Band N-type male Omni Antenna Kit
Key Search Words	Omni-directional dual band antennas, antenna kit, 2.4, 2.4 GHz, 5, 5 GHz, 4 dBi, 6 dBi, Linear Polarization, N-type male connection, 50 Ohms Impedance, 2 W Power Handing, surge protection, replaceable fuse, grounding point, outdoor antenna
Unit Dimensions	21 x 6.0 x 3.0 cm (9 x 3 x 2 in.)
Unit Weight	0.27 kg (0.61 lbs.)
Unit Qty per Case	125
Case Dimension	62 x 32 x 28 cm (25 x 13 x 12 in.)
Case Weight	30.97 kg (69 lbs.)
Harmonized Tarriff Code	8529109000
ECCN	5A991
Country of Origin	Taiwan
Product Availability Date	August 2014
Warranty	3 year limited
MSRP	$84.99

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.

Performance

Antenna Kit
Comes with a pair of outdoor antennas

Antenna Gain
2.4 GHz peak gain: 4 dBi

5 GHz peak gain: 6 dBi

Outdoor
Durable antenna construction for extreme outdoor conditions

Surge Protection
Replaceable surge protection fuse and grounding point

Omni-Directional
Omni-directional antennas for blanket wireless coverage

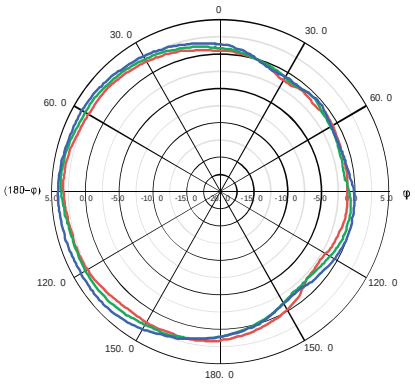
N-Type Connector
N-Type male connectors are compatible with routers and access points with N-Type female connectors

Dual Band Support (2.4 + 5 GHz)
Compatible with 802.11ac/n/g/b/a routers and access points

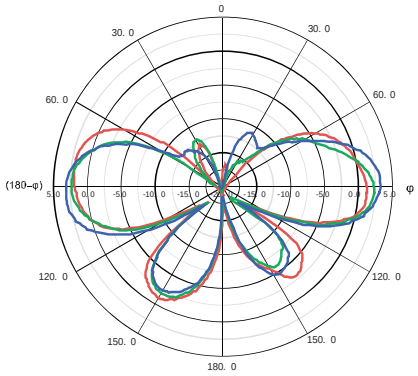
Performance Summary

Polarization 2.4 GHz

Horizontal

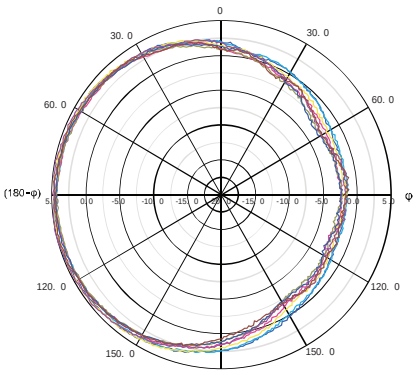


Vertical

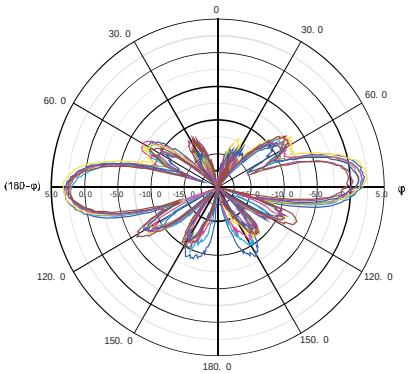


Polarization 5 GHz

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°

Voltage Standing Wave Ratio (VSWR)
- 2.0 max.: 1

Nominal Input Impedance
- 50 Ohms

Power Handing
- 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 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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Updated: 08/07/14