

PSKN4-W6E

PRODUCT OVERVIEW

The PSKN4-W6E device antenna is designed to meet IEEE 802.11ax standards and includes the new band 6.125 - 7.125 GHz, recently released by the FCC as WiFi 6e. This rubber duck style device antenna also covers 5.850 - 5.895 GHz, which was repurposed by the FCC for unlicensed commercial uses such as WiFi. It was previously allocated to DSRC for connected vehicle technologies.

The WiFi6e standard allows for MU-MIMO (multi-user, multiple-input and multiple-output). As such, this antenna could be one of the multiple antennas on a WiFi 6e modem, or it could operate as a stand-alone antenna where a single channel is called for.

The Knuckle Swivel feature of the antenna allows it to be adjusted into one of three different angles: straight, 45° bend or 90° bend.

The PSKN4-W6E terminates with a Reverse Polarity (Rev Pol) SMA Plug or an SMA Plug connector. Specify PSKN4-W6E-**RS** for the Rev Pol SMA Connection, or PSKN4-W6E-**S** for the SMA Plug configuration. The Reverse Polarized SMA fits most WiFi applications.

Overall dimensions are 6 3/8" (161 mm) at full length, with a blade antenna that is 7/8" (22 mm) wide by .28" (7 mm) deep.

Visit our eStore to customize an Antenna Online.

Electrical Specifications	
Frequency	2.4 - 2.5 GHz
	5.15 - 7.125 GHz
Gain	4 dBi
VSWR	< 2.5 : 1
Power Rating	2 Watts
Impedance	50 Ohm Nominal
Radiation	Omni

Mechanical Specifications	
Material/Finish	Whip Design PC & ABS
Dimension	6 3/8" (161 mm) Height x 7/8" (22 mm) width x 1/2" (7 mm) Deep
	Note: Height when bent at 90° angle is 5 3/8" (137 mm)
Connector	Available with Either Rev Pol SMA Plug or SMA Plug
Weight	4 oz. or .25 lbs (.11 kg)
Tilt Angle	0°, 45° or 90°
Operating & Storage Temperature	-40°C to +80°C



WIFI 6E RUBBER DUCK ANTENNA

Model **PSKN4-W6E-RS**
Gain **4**
WiFi 6E Reference **6**
Reverse Pol SMA Reference **S**

HIGHLIGHTS:

- WiFi 6E Coverage
- 90° Knuckle Swivel
- High Performance; High Gain

RELATED MODELS:

- PSKN3-24/25
(Covers 2.4 & 5GHz, Not 6 GHz)
- LLPG509
(2x 5G, 2x WiFi 6E, & 1x GNSS)
- LTMWG944
(4x 5G, 4x WiFi 6E, & 1x GNSS)

COMMON APPLICATIONS:

- WiFi Hotspots
- WiFi Routers
- WiFi Access Points
- Smart City WiFi



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