



PSTN series
in PVC radome



PSTG0-2400HS
Stubby



New! PSKN
Series with
Adjustable
Knuckle



PSWN
Series



HSTN Series

Rubber Duck/Portable Antenna Series (Pat.Pend.)

For 802.11 - 2.4 GHz Applications

- Halfwave 2.5 dB gain styles with flexible radome
- Quarterwave stubby style with hard ABS radome
- Wireless LAN (2.4 GHz), Wireless Data Capture & Surveillance applications
- Sleek profile, with a variety of connector styles

The halfwave antennas require no ground plane for operation. This makes the antenna ideal for use with products with no metal groundplane. They can even be used with products containing all plastic cases. The 2.5 dB gain antenna also compensates for typical system losses that occur at these frequencies.

Connectors available include male TNC or SMA. Right angle connector models are available for side mounting applications. The PSTN & PSWN series uses a flexible PVC cover, and the HSTN series uses flexible Santoprene. The new Knuckle PSKN series allows adjustment between right angle and straight.

The quarterwave model PSTG0-2400HS antenna for 2.4 GHz provides enhanced performance with the minimum of size. It uses a hard ABS radome and is colored in black with a textured finish. The antenna is fitted with a male SMA. This antenna's performance is ground plane dependent, for best performance it should be mounted on a metal box or PC board.

Model Numbers - 1/2 Wave Straight Antennas

Model	Frequency	Radome	Connector
PSTN3-2400S	2.4-2.49 GHz	Flexible	Male SMA
PSTN3-2400T	2.4-2.49 GHz	Flexible	Male TNC
PSTN3-2400N	2.4-2.49 GHz	Flexible	Male N
HSTN3-2400T	2.4-2.49 GHz	Flexible	Male TNC
HSTN3-2400S	2.4-2.49 GHz	Flexible	Male SMA

Model Numbers - 1/4 Wave Stub Antennas

Model	Frequency	Radome	Connector
PSTG0-2400HS	2.4-2.49 GHz	Hard ABS	SMA

Model Numbers - 1/2 Wave Right Angle Antennas

Model	Frequency	Style	Connector
PSWN3-2400S	2.4-2.49 GHz	Flexible	SMA
PSWN3-2400T	2.4-2.49 GHz	Flexible	TNC

Model Numbers - 1/2 Wave Knuckle Antennas

Model	Frequency	Style	Connector
PSKN3-2400S	2.4-2.49 GHz	Flexible	SMA
PSKN3-2400T	2.4-2.49 GHz	Flexible	TNC

Specifications

Frequency:	2.4 - 2.485 GHz
Gain:	2.5 dBi max for 1/2 wave, 0 dBi max for 1/4 wave
Bandwidth@2:1 VSWR:	85 MHz or better
Impedance:	50 Ohm nominal
Whip Length:	
1/2 wave straight	4 inches
1/2 wave right angle	5.75 inches
1/4 wave stub	1.25 inches

Maximum Power:	10 Watts
Whip Material:	
PSTN3 Series	PVC jacket over dipole
PSKN3 Series	Black polyurethane over dipole
HSTN3 Series	Santoprene over dipole
1/4 wave Stub	ABS radome over radiator
Connector:	See above
Special configurations available upon request, please consult factory for details.	