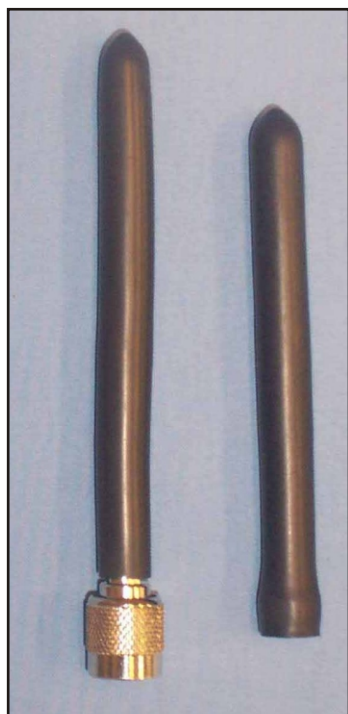


Rubber Duck/Portable Antenna Series (pat. pend.)

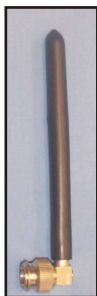
MOBILE MARK[®]
COMMUNICATIONS ANTENNAS



**PSTN Series Shown
in PVC Radome**



**PSTG
Stubby
Series**



**PSWN
Series**



**HSTN Series Shown
in ABS Radome**

The halfwave antennas require no ground plane for operation. This makes the antenna ideal for use with hand held products or products with no substantial metal groundplane. They can even be used with products containing all plastic chassis or case. The 2.5dB gain antenna also compensates for typical system losses that occur at these frequencies. Connector styles available include male TNC or SMA. Right angle connector models are available for side mounting applications. The PSTN series uses a flexible PVC cover and the HSTN series uses a stylized hard ABS radome. Special connectors are available, please consult factory.

The quarterwave antenna for 2.4GHz provides enhanced performance with the minimum of size. It uses a hard ABS radome and is black with a textured finish. The antenna is fitted with a 6-32 thread, but can be outfitted with other thread sizes (minimum quantities apply). The ferrule provides the maximum economy for the antenna as well as the interface needed on the wireless product. A one time factory matching is recommended for wireless devices with little ground plane.

For 2.4GHz Applications

- Halfwave 2.5dB 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 options

Model Numbers - 1/2 Straight Antennas

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

Model Numbers - 1/4 Wave Stub Antennas

Model	Frequency	Radome	Connector
PSTG0-2400HH	2.4-2.49GHz	Hard ABS	6/32 thread
PSTG0-2400HS	2.4-2.49GHz	Hard ABS	SMA

Model Numbers - 1/2 Wave Right Angle Antennas

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

Other frequency models available upon request. Please consult factory for details, minimum quantities will apply. Please reconfirm desired frequency when ordering.

Specifications

Frequency:	2.4-2.485GHz
Gain:	2.5dBi max for 1/2 wave, 0dBi max for 1/4 wave
Bandwidth @ 2:1 VSWR:	85MHz or better
Impedance:	50 ohm nominal
Maximum Power:	10 watts
Connector:	See above

Special configurations available upon request.
Please consult factory for details.

Whip Length:

1/2 wave straight	PVC Jacket over dipole
1/2 wave right angle	ABS Radome over dipole
1/4 wave stub	ABS radome over radiator

Whip Material:

PSTN3 Series	102mm (4")
HSTN3 Series	146mm (5.75")
1/4 wave stub	32mm (1.25")