



PSTN3 Series



SE 1/4 Wave Series



MDM 1/4 Wave Series



HS Stub Series



HKS Stub Series

The halfwave antennas require no ground plane for operation. This makes the antennas ideal for use with products with no metal ground plane. They can even be used with products containing all plastic cases. The PSTN3 series use a flexible PVC radome and have expected gain up to 2.5dBi.

Quarterwave antennas provide performance for products with the minimum of size. Full length quarterwave design provides the maximum efficiency, while loaded helical stub antennas provide minimum size. The full length models use a flexible whip, whereas the helical antennas use a hard radome, coloured in black with a textured finished. Overall performance of quarterwave antennas does depend on the ground plane provided by the radio system or mounting configuration.

Quarterwave antennas are broadband compared to other design and can effectively be used in most applications. Connector styles available are SMA or MMCX.

## For 800 - 2400MHz Applications

- Halfwave and Quarterwave styles with flexible radome/whip
- Quarterwave stubby style with hard ABS radome
- Halfwave design require no ground plane
- Sleek profile, with a variety of connector options

### Model Numbers - 1/2 Wave Straight Antennas

Model	Frequency	Connector
PSTN3-2400S	2.4-2.49GHz	Male SMA
PSTN3-2400T	2.4-2.49GHz	Male TNC

### Model Numbers - 1/4 Wave Stub Antennas

Model	Frequency	Connector
PSTG0-900HS	824-894MHz	Male SMA
PSTG0-925HS	870-960MHz	Male SMA
PSTG0-900HKS	824-894MHz	Male SMA
PSTG0-925HKS	870-960MHz	Male SMA
PSTG0-2400HS	2.4-2.49GHz	Male SMA
PSTG0-2400HRS	2.4-2.49GHz	Female SMA

### Model Numbers - Full 1/4 Wave Straight Antennas

Model	Frequency	Connector
PSTG0-900SE	824-894MHz	SMA
PSTG0-925SE	870-960MHz	SMA

### Model Numbers - Full 1/4 Wave Straight Antennas

Model	Frequency	Connector
MDM-900OP	824-894MHz	MMCX
MDM-925OP	870-960MHz	MMCX

## Specifications

<b>Frequency:</b>	See above
<b>Gain:</b>	2.5dBi max for 1/2 wave 0dBi max for 1/4 wave
<b>Bandwidth @ 2:1 VSWR:</b>	See frequency range above
<b>Impedance:</b>	50 ohm nominal
<b>Whip Length:</b>	
PSTN3 Series	102mm (4")
SE & MDM Series	95mm (3.75") max.
HS & HKS Series	32mm (1.25") max.

<b>Whip Material:</b>	
PSTN3 Series	PVC jacket over dipole
SE & MDM Series	Rubber jacket/flexible cable
HS & HKS Series	ABS radome over radiator
<b>Maximum Power:</b>	10 watts
<b>Connector:</b>	See above

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