



# Stinger® Passive Gain Antenna for 5.3 GHz SMs

Part #: S-53H; S-53V

## Description

This high efficiency parabolic reflector antenna makes use of the patented Stinger® slip on mounting method, thus reducing mounting cost and time of install. The low profile aesthetics of this design reduce visual impacts and windloading. The patented low loss passive coupling system ensures high performance without sacrificing SM warranty.

## Applications

- Extend your range to 5 miles without using a large reflector
- Boost signal levels for marginal customers
- Speed up your installs
- Lowers jitter

## Features

- Slip on an extra 10 dB (avg) @ 5.3 GHz
- Narrows the pattern to 12 degrees



## Specifications

### Electrical Specifications

<b>Frequency</b>	5.3 Ghz
<b>Gain</b>	10-19 dBi @ 5.3 Ghz
<b>Beamwidth (3dB)</b>	12 degrees
<b>F/B Ratio</b>	>30 dB
<b>Cross Pole Reject</b>	>15 dB

### Mechanical Specifications

<b>Wind Load</b>	26 lbs @ 100 MPH
<b>Height</b>	10.25 inches
<b>Width</b>	10.25 inches
<b>Weight</b>	10 oz (0.28kg)
<b>Polarization</b>	Vertical or Horizontal

Patent Pending

*Export / DOD Use--Not FCC Approved for U.S. use*

## Antenna Gain Patterns

### 5.3 Stinger V Pol Pattern 10 dB (avg) Increase over Bare Sm

