

## Description

This parabolic reflector, a.k.a. "The Howitzer", is designed to increase the gain of an SM. The new claw™ mounting system makes installation and replacement of the SM quick and easy.

## Applications

- Extend the range miles beyond that of a bare SM
- This form factor is well suited for residential and low-profile commercial installations, especially in upscale neighborhoods, and would be recognized by most casual observers as nothing more than a satellite TV antenna.
- This antenna assures a very solid point-to-point solution for critical backhaul applications.



## Features

- Increase by 22 dB @ 5.8 GHz
- Increase of 14 dB @ 2.4 GHz
- AccuAim™ elevation adjustment
- SM snaps on in 2 seconds, whole dish assembles in minutes
- This reflector has an additional feature called the Corrective Optics Package (COP). It is small like a Test Adapter and will add 1-2 dB gain for the 5.8 FSK products ONLY. COPs are ordered and sold separately.
- FCC ID: S4DSTINGER-01

## Specifications

### Electrical Specifications

Frequency	<b>2.4, 5.2, 5.4, 5.8</b>
Polarization	Vertical
Gain Increase Over SM	<b>22 dB @ 5.8 GHz (w/COP)</b> <b>19.3 dB @ 5.8 GHz (w/Moto 430)</b> <b>14 dB @ 2.4 GHz</b>
Effective Aperture	<b>30 inches (76 cm)</b>
Beamwidth	<b>9° @ 2.4 GHz</b> <b>4.25° @ 5.8 GHz</b>
F/B Ratio	<b>20 dB @ 2.4 GHz</b> <b>30 dB @ 5.8 GHz</b>
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### Mechanical Specifications

Height	<b>34.3 inches (87 cm)</b>
Width	<b>31.5 inches (80 cm)</b>
Wind Speed	Operational - <b>50mph (80.5KM/hr)</b> Survival - <b>100mph (161 KM/hr)</b>

## Antenna Gain Patterns

