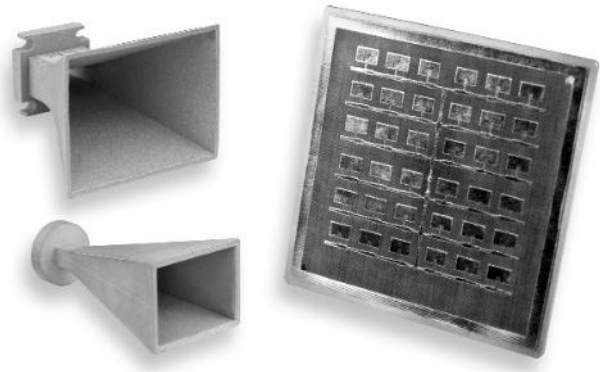


### Features

- Low Cost
- Diecast Construction
- Waveguide Mounting
- Small Size

### Applications

- Speed Radars
- Radar Decoys
- Intrusion Alarm Systems
- Door Openers
- Object Detection



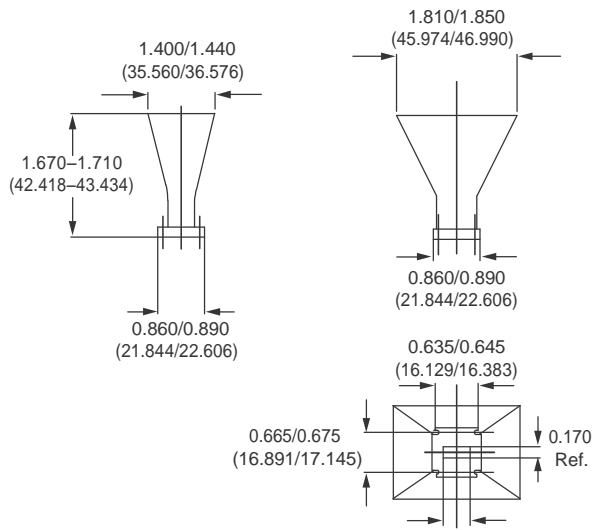
### Description

These microwave antennas are designed for commercial applications as a low-cost method for transmitting microwave energy. These antennas utilize high-gain properties and shaped-beam patterns that are suitable for most applications.

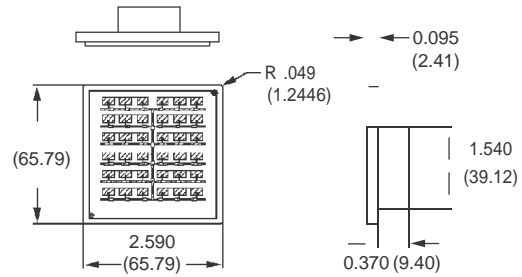
### Specifications @ 25°C

Model Number	Description	Center Frequency (GHz)	Usable Frequency Range (GHz)	Nominal E-Plane Beamwidth (Deg.)	Nominal H-Plane Beamwidth (Deg.)	Nominal Gain (dB)
<b>X Band Antennas</b>						
MDT86554	Pyramidal Horn Ant.	10.525	8–12	70	30	12
<b>K Band Antennas</b>						
MDT86552	Pyramidal Horn Ant.	24.150	18.0–26.5	20	30	17
MDT5864	Planar Array Ant.	24.125	24.00–24.25	14	14	18
MDT6386 <sup>1</sup>	Pyramidal Horn Ant.	24.150	18.0–26.5	17	29	18

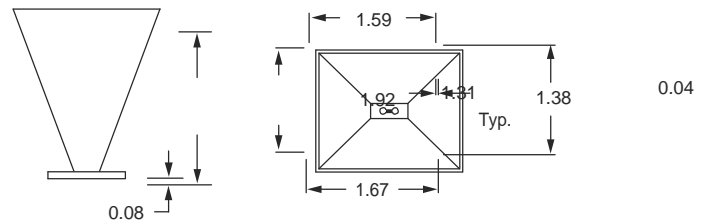
1. With integrated harmonic filter.

**MDT86552**


Dimensions are in inches (mm).

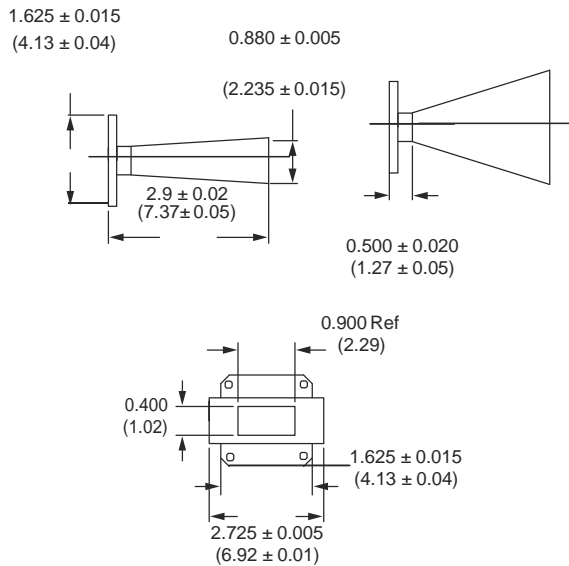
**MDT5864**


Dimensions are in inches (mm).

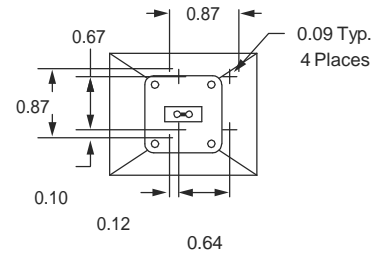
**MDT6386**


0.420 Ref.

0.04

**MDT86554**


Dimensions are in inches (mm).



Dimensions are in inches.