



Basic Information

Place of Origin: China
Brand Name: Famous
Certification: CE ISO9001
Model Number: Horn Antenna
Minimum Order Quantity: 1 SET
Price: Negotiable

Packaging Details: Standard export packaging/customizable

packaging

• Payment Terms: T/T L/C



Product Specification

Name: Symmetrical Horn Antenna

• Diameter Of Mounting Pole: Φ51~Φ114 Mm

• Antenna Connection: Waveguide (special Made By Dongguan

Famous Precision) Or SMA

• Net Weight: 2.5kgs/5.5lb

Material: UV Stabilized PC, Aluminum Alloy

Wind Survivability: 200 Km/hWind Loading: 200 Km/h

• Mechanical Adjustment: ±25° Elevation, ±25° Azimuth

Pole Compatibility: Ø40 To 60 Mm

• Weatherproofing: IP55

• Highlight: high gain microwave horn antenna,

7.0ghz microwave horn antenna,5.0ghz microwave horn antenna

Product Description

Microwave Horn Antenna for High Gain and Wide Frequency Range 5.0-7.0GHz

Wideband Performance: The Symmetrical Horn Antenna can provide wideband performance, meaning it can operate across multiple frequency bands without frequent adjustments or antenna replacements.

High Gain: This type of antenna typically has high gain, making it useful for long-distance signal transmission or when strong signal reception is needed.

Radiation Pattern: The radiation pattern of the Symmetrical Horn Antenna is symmetrical and precise, allowing it to provide accurate signal coverage in specific areas, suitable for applications that require directional transmission or reception.

Interference Resistance: Due to its special design, this antenna has strong interference resistance, effectively handling interference signals in the surrounding environment.

Weather Adaptability: Symmetrical Horn Antennas are designed for outdoor applications and can maintain stable performance in different weather conditions such as high temperatures, low temperatures, humidity, or dryness.

Mechanical Structural Advantages: These antennas typically have a simple mechanical structure, making them easy to install and maintain, which is beneficial for large-scale deployments or scenarios that require frequent adjustments.

Efficient PtMP horn antenna:

Wide frequency range 5.0-7.0GHz;

High isolation: 30°;

With fast and easy installation waveguide;

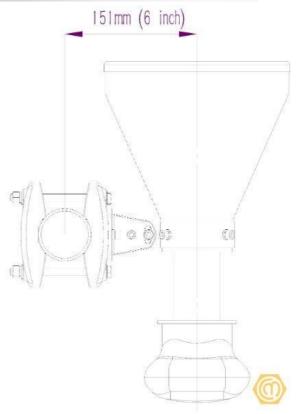
High Gain;

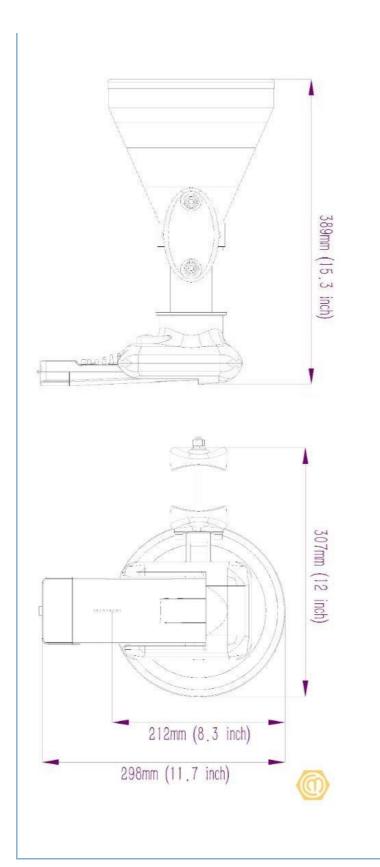
Electrical performance:

| | Frequency Range (GHz) | | Azimuth Beam Width -3dB | Elevation Beam Width -3dB | Azimuth Beam Width -6dB | Elevation Beam Width -6dB | Front/Back Ratio(dB) | | Polariz ation | |
|---------|--------------------------|----|----------------------------|---|----------------------------|------------------------------|-------------------------|------|------------------|--|
| 3 0° | 5.0-7.0 | 18 | H21° V21° | H21° V21° | H30° V30° | H30° V30° | 37 | ≤1.8 | Dual- Linear | |
| 4 0° | 5.0-7.0 | 16 | H27° V27° | H27° V27 | H40° V40° | H40° V40° | 35 | ≤1.8 | Dual- Linear | |
| 5 0° | 5.0-7.0 | 14 | H33° V33° | H33° V33° | H50° V50° | H50° V50° | 33 | ≤1.8 | Dual- Linear | |
| 6 0° | 5.0-7.0 | 13 | H41° V41° | H41° V41° | H60° V60° | H60° V60° | 32 | ≤1.8 | Dual- Linear | |
| 7 0° | 5.0-7.0 | 11 | H50° V50° | H50° V50° | H70° V70° | H70° V70° | 30 | ≤1.8 | Dual- Linear | |
| 8 0° | 5.0-7.0 | 10 | H60° V60° | H60° V60° | H80° V80° | H80° V80° | 29 | 1 | Dual- Linear | |
| 9 0° | 5.0-7.0 | 9 | H67° V67° | H67° V67° | H90° V90° | H90° V90° | 28 | ≤1.8 | Dual- Linear | |
| Ar | itenna Connectio | n | Waveguide (s | Waveguide (special made by Dongguan Famous Precision) or SMA | | | | | | |
| Ne | et Weight | | 2.5kgs/5.5lb | 2.5kgs/5.5lb | | | | | | |
| Ма | aterial | | UV stabilized | UV stabilized PC, aluminum alloy | | | | | | |
| w | ind survivability | | 200 km/h | 200 km/h | | | | | | |
| w | ind loading | | 200 km/h | 200 km/h | | | | | | |
| М | ounting | | I | Mechanical adjustment: ±25° elevation, ±25° azimuth Pole compatibility: Ø40 to 60 mm | | | | | | |
| w | eatherproofing | | IP55 | IP55 | | | | | | |
| | | | | | | | | | | |











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