High Gain Microwave Horn Antenna For Wireless Ptmp Communication

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: wireless ptmp communication microwave horn

antenna

, microwave horn antenna high gain, high gain horn antenna in microwave

Product Description

High Gain Microwave Horn Antenna for Wireless PtMP Communication

A Microwave Horn Antenna is a type of antenna used for transmitting and receiving microwave signals. It consists of a flared waveguide structure that gradually expands from a narrow aperture to a wider opening. This design allows the antenna to efficiently radiate or capture electromagnetic waves in the microwave frequency range.

One advantage of Microwave Horn Antennas is their wide bandwidth capability, allowing them to operate over a range of frequencies within the microwave spectrum. This makes them suitable for various applications, including radar systems, satellite communications, wireless networks, and scientific research.

Efficient PtMP horn antenna:

Wide frequency range 5.0-7.0GHz;

High isolation: 30°;

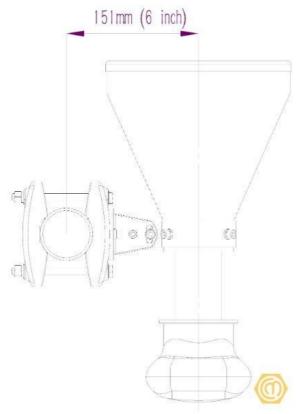
With fast and easy installation waveguide;

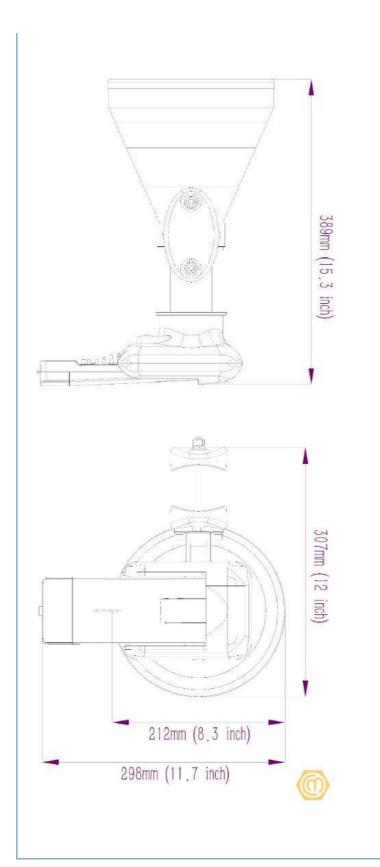
High Gain;

Electrical performance:

| | Frequency Range (GHz) | Gain (dBi) | Azimuth Beam Width -3dB | Elevation Beam Width -3dB | Azimuth Beam Width -6dB | Elevation Beam Width -6dB | Front/Back Ratio(dB) | 1 - | Polariz ation | |
|---------|--------------------------|---------------|----------------------------|--------------------------------------------------------------------------------------|----------------------------|------------------------------|-------------------------|------|------------------|--|
| 3 0° | 5.0-7.0 | 18 | H21° V21° | H21° V21° | H30° V30° | H30° V30° | 37 | ≤1.8 | Linear | |
| 4 0° | 5.0-7.0 | 16 | H27° V27° | H27° V27 | H40° V40° | H40° V40° | 35 | | Dual- Linear | |
| 5 0° | 5.0-7.0 | 14 | N33° | N33° | H50° V50° | H50° V50° | 33 | | Dual- Linear | |
| 6 0° | 5.0-7.0 | 13 | H41° V41° | H41° V41° | H60° V60° | H60° V60° | 32 | - 1 | 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° | H60° V60° | H80° V80° | H80° V80° | 29 | ≤1.8 | Dual- Linear | |
| 9 0° | 5.0-7.0 | 9 | H67° V67° | H67° V67° | H90° | H90° | 28 | ≤1.8 | Dual- Linear | |
| Aı | ntenna Connectio | n | Waveguide | Waveguide (special made by Dongguan Famous Precision) or SMA | | | | | | |
| N | et Weight | | 2.5kgs/5.5lb | 2.5kgs/5.5lb | | | | | | |
| М | aterial | | UV stabilize | UV stabilized PC, aluminum alloy | | | | | | |
| W | ind survivability | | 200 km/h | 200 km/h | | | | | | |
| W | ind loading | | 200 km/h | 00 km/h | | | | | | |
| М | ounting | | | Mechanical adjustment: ±25° elevation, ±25° azimuth Pole compatibility: Ø40 to 60 mm | | | | | | |
| W | eatherproofing | | IP55 | IP55 | | | | | | |









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