High Gain Microwave Horn Antenna For Wireless Ptmp Communication

Basic Information

- Place of Origin:
- Brand Name: Famous
- Certification:
- Model Number:
- Minimum Order Quantity: 1 SET
- Price: Negotiable
- · Packaging Details:
- Payment Terms:



- Name:
- Symmetrical Horn Antenna
- Diameter Of Mounting Pole: Φ51~Φ114 Mm
- Antenna Connection: Waveguide (special Made By Dongguan Famous Precision) Or SMA 2.5kgs/5.5lb

200 Km/h

200 Km/h

IP55

antenna

Ø40 To 60 Mm

China

CE ISO9001

Horn Antenna

packaging

T/T L/C

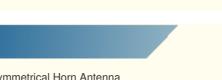
- Net Weight:
- Material:
- Wind Survivability:
- Wind Loading:
- ±25° Elevation, ±25° Azimuth • Mechanical Adjustment:
- Pole Compatibility:
- Weatherproofing:
- Highlight:

UV Stabilized PC, Aluminum Alloy

wireless ptmp communication microwave horn

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

Standard export packaging/customizable





Our Product Introduction

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)	-	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	H33° V33°	H33° V33°	H50° V50°	H50° V50°	33		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		Dual- Linear	
8 0°5.0-7.0	10	H60° V60°	H60° V60°	H80° V80°	H80° V80°	29	≤1.8	Dual- Linear	
9 0° ^{5.0-7.0}	9	H67° V67°	H67° V67°	H90° V90°	H90° V90°	28	≤1.8	Dual- Linear	
Antenna Connecti	on	Waveguide (Waveguide (special made by Dongguan Famous Precision) or SMA						
Net Weight		2.5kgs/5.5lb	2.5kgs/5.5lb						
Material		UV stabilized	UV stabilized PC, aluminum alloy						
Wind survivability		200 km/h	- 200 km/h						
Wind loading		200 km/h	 200 km/h						
Mounting			Mechanical adjustment: ±25° elevation, ±25° azimuth Pole compatibility: Ø40 to 60 mm						
Weatherproofing		IP55	IP55						



