

## IP55 Microwave Horn Antenna 5GHz-7GHz Dual Polarization

Our Product Introduction

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### 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:  $\Phi 51 \sim \Phi 114$  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/h
- Wind Loading: 200 Km/h
- Mechanical Adjustment:  $\pm 25^\circ$  Elevation,  $\pm 25^\circ$  Azimuth
- Pole Compatibility:  $\Phi 40$  To 60 Mm
- Weatherproofing: IP55
- Highlight: **5GHz-7GHz microwave horn antenna, Dual Polarization microwave horn antenna, IP55 microwave horn**



## Product Description

### IP55 Horn Antenna 5GHz-7GHz Dual Polarization

- Aluminum Die Casting Horn and Bracket
- Noise rejection and isolation band reuse
- Easy to amount, easy to adjust antenna elevation angle
- Small size, light weight, less wind load, need less space on Tower
- Include two pigtail cable assembly, N male to RPSMA

#### Feature

**Wideband Performance:** Microwave horn antennas offer stable performance over a wide frequency range, making them suitable for applications that require coverage across multiple frequencies, such as radar systems and wireless communication.

**High Gain:** Microwave horn antennas have high gain characteristics, enhancing signal strength during transmission to improve communication quality and coverage range.

**Low Beam Divergence:** These antennas can control beam divergence by adjusting their shape and size, enabling precise directional signal transmission to reduce signal waste and interference.

**Interference Resistance:** Due to their beam divergence and high gain, Microwave horn antennas exhibit a certain level of resistance to interference, maintaining stable signal transmission even in complex electromagnetic environments.

**Durability:** These antennas are typically made from durable materials, capable of withstanding harsh weather conditions and prolonged use while maintaining stable performance.

#### 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)	VS WR	Polarization
30°	5.0-7.0	18	H21° V21°	H21° V21°	H30° V30°	H30° V30°	37	≤1.8	Dual-Linear
40°	5.0-7.0	16	H27° V27°	H27° V27°	H40° V40°	H40° V40°	35	≤1.8	Dual-Linear
50°	5.0-7.0	14	H33° V33°	H33° V33°	H50° V50°	H50° V50°	33	≤1.8	Dual-Linear
60°	5.0-7.0	13	H41° V41°	H41° V41°	H60° V60°	H60° V60°	32	≤1.8	Dual-Linear
70°	5.0-7.0	11	H50° V50°	H50° V50°	H70° V70°	H70° V70°	30	≤1.8	Dual-Linear
80°	5.0-7.0	10	H60° V60°	H60° V60°	H80° V80°	H80° V80°	29	≤1.8	Dual-Linear
90°	5.0-7.0	9	H67° V67°	H67° V67°	H90° V90°	H90° V90°	28	≤1.8	Dual-Linear
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/h							
Wind loading		200 km/h							
Mounting		Mechanical adjustment: ±25° elevation, ±25° azimuth Pole compatibility: Ø40 to 60 mm							
Weatherproofing		IP55							





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