



4.9-6.5GHz 18dBI Symmetrical Horn Antenna For Mimosa Radio

Our Product Introduction

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: 24dB Horn Antenna
- Highlight: 4.9-6.5GHz Symmetrical Horn Antenna,
Symmetrical Horn Antenna 18dBI,
Symmetrical Horn Antenna For Mimosa Radio



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Product Description

Features

1. Wireless MIMO LAN systems & IEEE 802.11n/ac applications
2. Point-to-multipoint (PtMP) requiring sectorial coverage
3. Supports public safety (4.9 GHz), U-NII-1, 2, 3, and 4 (5.15-5.925 GHz), and up to 6.4GHz for world-wide market
4. Mobile WiMAX Wireless Internet Provider "cell" sites
5. Gap coverage close to the tower
6. High-density deployments requiring frequency reuse to achieve high capacity and data rates
7. Valleys, mountains, mines, or regions with large elevation changes that need uniform coverage

Application

1. High-performance gain and patterns that are stable over a wide bandwidth
2. Interference mitigation with highly suppressed side-lobes and superior front-to-back that allows channel reuse
3. Over 25 dB cross polarization discrimination and port isolation for optimal MIMO performance
4. Ideal for high-density AP deployments with radio co-location due to compact size and highly focused radiation
5. Improved coverage near and far from the tower with equal elevation and azimuth beamwidths
6. Quick-connect waveguide allows polarization to be adjusted and quick change of adapters without tools
7. Direct Connect radio-specific and dual polarized N-type connector adapters available
8. Fine azimuth- and elevation- tilt markings to simplify alignment
9. Mountable on left or right side of the pole without flipping upside down

Model	ANT4965D18P-DP
Frequency range	4.9-6.5GHz
Gain	18dBi
VSWR	<2.0
Polarization	Vertical and Horizontal
Isolation	>25dB
Front to Back Ratio	>23dB
Horizontal Beamwidth	30°
Vertical Beamwidth	30°
Maximum Power	50W
Impedance	50Ω
Lighting protection	DC Ground
Connector	2* N Female
Antenna Size	φ120x215mm
Antenna Weight	1kg
Antenna color	white
Diameter of the Pole	Φ30mm to Φ50mm
Mechanical Tilt	± 15°
Operational Temperature	-40°C to +70°C (-32°F to +158°F)

