

UBAM-O-5G13

Ubiquiti AirMax MiMo 5GHz Omni Antenna

Product Overview

Ubiquiti AirMax MiMo 5GHz Omni, 13dBi with Rocket Accessories - SMA(F)RP; 5.45-5.85GHz; 13dBi gain; 360 degree omni coverage; 2x2 MIMO; dual-linear polarization; 7 degree elevation beamwidth; 200km/h wind survivability; universal pole mount; outdoor wireless infrastructure antenna; 799 x 90 x 65mm; 0.82kg



Specifications

About this product

The Ubiquiti airMAX MIMO 5GHz Omni Antenna (UBAM-O-5G13) is a carrier-class 13 dBi omnidirectional antenna designed for Point-to-Multipoint wireless networks. Featuring dual-polarity 2x2 MIMO technology, 360 degree coverage, and compatibility with Ubiquiti Rocket base stations, it delivers reliable long-range wireless connectivity for outdoor deployments. Buy now from our website for dependable wireless network expansion and quick delivery in South Africa.

Overview Summary

Ubiquiti airMAX MIMO 5GHz Omni Antenna 13 dBi (UBAM-O-5G13)

The Ubiquiti UBAM-O-5G13 is a professional outdoor omnidirectional antenna engineered for wireless internet service providers, enterprise networks, and Point-to-Multipoint deployments. Operating within the 5.45 GHz to 5.85 GHz frequency range, it provides consistent 360 degree signal coverage and high-performance wireless distribution.

Its 2x2 dual-polarity MIMO design improves throughput and network efficiency when paired with compatible Ubiquiti Rocket radios. The durable outdoor construction, weatherproof RF jumpers, and universal pole mounting system make it suitable for demanding outdoor installations.

Designed for reliable wireless coverage across large areas, the UBAM-O-5G13 offers 13 dBi gain, excellent signal isolation, and robust wind survivability, making it a practical solution for wide-area wireless infrastructure.

Performance tier: Professional Outdoor Wireless Infrastructure

Uses: Point-to-Multipoint networks, wireless ISP deployments, outdoor wireless coverage, enterprise wireless infrastructure, base station installations, long-range wireless connectivity

Overview

AirMax Omni is a Carrier Class omnidirectional antenna that was designed to seamlessly integrate with Rocket M radios.

Rocket M combines the "brains" in one robust unit; pair Rocket M with AirMax Omni to create powerful 360degrees omnidirectional coverage. This seamless integration gives network architects unparalleled flexibility and convenience.

Description

The Ubiquiti airMAX MIMO 5GHz Omni Antenna UBAM-O-5G13 is designed to provide reliable omnidirectional wireless coverage for outdoor Point-to-Multipoint applications. Built for use with compatible Ubiquiti Rocket series radios, it delivers wide-area signal distribution through a 360 degree radiation pattern and 13 dBi antenna gain.

Its dual-linear polarization and 2x2 MIMO architecture help improve network capacity, signal quality, and overall wireless performance. The antenna is engineered for carrier-class deployments where dependable connectivity and consistent coverage are essential.

The rugged outdoor design withstands harsh environmental conditions, including high wind loads and demanding weather exposure. Included weatherproof RF jumpers and a universal pole mount simplify installation while maintaining reliable long-term operation.

This antenna is well suited for wireless internet service providers, enterprise campuses, industrial facilities, remote monitoring systems, and other outdoor wireless infrastructure projects that require broad 5 GHz coverage.

Features

The Ubiquiti UBAM-O-5G13 combines professional wireless performance with durable outdoor construction for demanding network deployments.

- Operates within the 5.45 GHz to 5.85 GHz frequency range for outdoor wireless networking applications.
- 13 dBi antenna gain helps improve coverage and signal performance.
- 360 degree omnidirectional coverage supports Point-to-Multipoint deployments.
- 2x2 dual-polarity MIMO technology enhances throughput and network efficiency.
- Dual-linear polarization improves signal reliability and wireless performance.
- Compatible with Ubiquiti Rocket and Rocket Prism base station radios.
- Weatherproof RF jumpers included for outdoor installation.
- Universal pole mounting system simplifies deployment.
- Designed for outdoor environments with high wind survivability.
- Low VSWR design helps maintain signal quality and transmission efficiency.

What's in the Box

- Ubiquiti airMAX MIMO 5GHz Omni Antenna UBAM-O-5G13
- Universal pole mount assembly
- Weatherproof RF jumper cables
- Rocket mounting bracket
- Installation hardware
- Documentation

Specifications

- Brand: Ubiquiti
- Model: UBAM-O-5G13
- Product type: Outdoor omnidirectional antenna
- Frequency range: 5.45 GHz - 5.85 GHz
- Antenna gain: 13 dBi
- Coverage: 360 degree omnidirectional

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Product Specification Sheet

- MIMO support: 2x2 MIMO
- Polarization: Dual-linear
- Elevation beamwidth: 7 degrees
- Electrical downtilt: 2 degrees
- Maximum VSWR: 1.5:1
- Cross-polar isolation: 25 dB minimum
- Dimensions: 799 x 90 x 65 mm
- Weight: 0.82 kg
- Wind survivability: 200 km/h
- Wind loading: 84.52 N at 200 km/h
- Mounting: Universal pole mount
- Compatibility: Ubiquiti Rocket and Rocket Prism base stations
- ETSI specification: EN 302 326 DN2

FAQ

What is the Ubiquiti UBAM-O-5G13 used for?

The UBAM-O-5G13 is designed for outdoor Point-to-Multipoint wireless networks, providing 360 degree coverage for multiple client devices from a single base station.

Is the UBAM-O-5G13 compatible with Ubiquiti Rocket radios?

Yes. The antenna is designed to work with compatible Ubiquiti Rocket and Rocket Prism base station radios.

What frequency does this antenna support?

The antenna operates within the 5.45 GHz to 5.85 GHz frequency range.

Does this antenna support MIMO technology?

Yes. It features a 2x2 dual-polarity MIMO design to improve wireless throughput and network performance.

Can this antenna be used outdoors?

Yes. It is specifically designed for outdoor installations and includes weatherproof RF jumpers and a durable construction for long-term outdoor use.

What is the antenna gain of the UBAM-O-5G13?

The antenna provides 13 dBi gain for improved signal coverage and wireless performance.

What type of coverage does this antenna provide?

The antenna provides full 360 degree omnidirectional coverage, making it suitable for serving multiple wireless clients around a central base station.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/UBAM-O-5G13-Ubiquiti-AirMax-MiMo-5GHz-Omni-Antenna-Buy-p-54955.php>

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