UBAM-O-5G10

Ubiquiti AirMax MiMo 5GHz Omni Antenna

Product Overview

Ubiquiti AirMax MiMo 5GHz Omni, 10dBi with Rocket Accessories - SMA(F)RP; 2x2 MIMO; Dual-Linear polarization; 360 degree coverage; 5.45-5.85 GHz; 12 degree elevation beamwidth; 4 degree downtilt; 2 x RP-SMA Female; 582 x 90 x 65 mm; 0.68 kg; Outdoor wireless infrastructure; PtMP networking



Specifications

About this product

The Ubiquiti AMO-5G10 airMAX 5GHz Omni Antenna is a carrier-class 2x2 dual-polarity MIMO omnidirectional antenna designed for seamless integration with Rocket radios in Point-to-MultiPoint wireless networks. Featuring 10 dBi gain, 360 degree coverage, and durable outdoor construction, it delivers reliable long-range wireless connectivity for service providers, campuses, farms, industrial sites, and outdoor networking deployments. Buy online today for quick delivery in South Africa.

Overview Summary

Ubiquiti AMO-5G10 airMAX 5GHz 10 dBi Omni Antenna

The AMO-5G10 is a professional outdoor omnidirectional antenna engineered for 5 GHz wireless deployments. Designed specifically for use with Ubiquiti Rocket radios, it provides 360 degree signal coverage and supports advanced 2x2 MIMO technology for improved network performance and capacity.

Its dual-linear polarization design helps maximize throughput and signal reliability in Point-to-MultiPoint environments. The rugged outdoor construction, high wind survivability, and included mounting hardware make it suitable for demanding installations where dependable wireless coverage is required.

Performance tier: Professional Outdoor Wireless Infrastructure

Uses: Point-to-MultiPoint networks, wireless ISP deployments, campus networking, farm connectivity, industrial wireless links, outdoor broadband distribution

Description

The Ubiquiti AMO-5G10 airMAX Omni Antenna is designed to provide wide-area wireless coverage for professional outdoor networking applications. Operating within the 5.45 GHz to 5.85 GHz frequency range, it delivers 10 dBi gain and full 360

degree horizontal coverage, making it ideal for Point-to-MultiPoint deployments.

Built around a carrier-class 2x2 dual-polarity MIMO architecture, the antenna supports modern wireless network requirements where capacity, signal quality, and reliability are critical. The dual-linear polarization design helps improve communication performance while reducing interference in complex outdoor environments.

The antenna integrates directly with compatible Ubiquiti Rocket radios, simplifying installation and deployment. Included mounting accessories, weatherproof RF jumpers, and a dedicated Rocket mounting bracket reduce installation complexity while ensuring a secure outdoor setup.

Its rugged construction is engineered to withstand harsh weather conditions, including high wind environments. This makes the AMO-5G10 suitable for wireless ISPs, educational campuses, agricultural operations, industrial facilities, remote sites, and large outdoor properties that require dependable wireless connectivity.

Features

The AMO-5G10 combines professional wireless performance with durable outdoor construction.

- 10 dBi antenna gain for improved wireless coverage and signal strength.
- 360 degree omnidirectional coverage for Point-to-MultiPoint deployments.
- 2x2 dual-polarity MIMO design for enhanced throughput and network efficiency.
- Optimized for integration with Ubiquiti Rocket radios.
- Dual-linear polarization technology.
- Designed for Line-of-Sight and Non-Line-of-Sight applications.
- Weather-resistant outdoor construction.
- Wind survivability up to 200 km/h.
- Universal pole mount included.
- RocketM bracket included for simplified installation.
- Weatherproof RF jumpers included.
- Suitable for wireless ISP and enterprise outdoor networking deployments.

What's in the Box

- Ubiquiti AMO-5G10 airMAX 5GHz Omni Antenna
- Universal Pole Mount
- RocketM Mounting Bracket
- Weatherproof RF Jumpers
- Installation Hardware
- Documentation

Specifications

- Model: AMO-5G10
- Product type: Outdoor Omnidirectional Antenna
- Technology: 2x2 Dual-Polarity MIMO
- Frequency range: 5.45 GHz - 5.85 GHz
- Antenna gain: 10 dBi
- Coverage: 360 degree omnidirectional
- Elevation beamwidth: 12 degrees
- Downtilt: 4 degrees
- Maximum VSWR: 1.6:1
- Polarization: Dual-Linear

- Cross-polarization isolation: 25 dB minimum
- ETSI specification: EN 302 326 DN2
- Dimensions: 582 x 90 x 65 mm
- Weight: 0.68 kg
- Wind survivability: 200 km/h
- Wind loading: 44.5 N at 160 km/h
- Mounting: Universal Pole Mount, RocketM Bracket, Weatherproof RF Jumpers Included
- Connector type: 2 x RP-SMA Female
- Application: Point-to-MultiPoint Wireless Networks

FAQ

What is the Ubiquiti AMO-5G10 used for?

The AMO-5G10 is designed for Point-to-MultiPoint wireless networking deployments where a single base station needs to communicate with multiple remote client devices over a wide coverage area.

Does the AMO-5G10 provide 360 degree coverage?

Yes. The antenna is an omnidirectional design that provides full 360 degree horizontal coverage.

Which radios are compatible with the AMO-5G10?

The antenna is designed to integrate with compatible Ubiquiti Rocket radio platforms and includes a dedicated Rocket mounting bracket.

Is this antenna suitable for outdoor installations?

Yes. The antenna is built for outdoor deployment and is designed to withstand demanding environmental conditions, including high wind speeds.

What frequency range does the antenna support?

The AMO-5G10 operates within the 5.45 GHz to 5.85 GHz frequency range.

What is the antenna gain?

The antenna provides 10 dBi gain, helping improve signal reach and network coverage.

Does the package include mounting hardware?

Yes. The package includes a universal pole mount, RocketM bracket, weatherproof RF jumpers, and installation accessories.

Can this antenna be used by wireless internet service providers?

Yes. The AMO-5G10 is commonly used in wireless ISP, enterprise, agricultural, campus, and industrial networking deployments.

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-5G10-Ubiquiti-AirMax-MiMo-5GHz-Omni-Antenna-p-54956.php

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