

UB-AM 5G17 90

Ubiquiti airMAX MIMO 5GHz 90 degree Sector Mid-Gain antenna - 17dBi gain

Product Overview

Ubiquiti airMAX MIMO 5GHz 90 degree Sector Mid-Gain antenna - 17dBi gain, SMA(F)RP connector, 4.90 - 5.85 GHz Frequency range, Universal Pole Mount / RocketM bracket / weatherproof RF jumpers included, AM-5G17-90



Specifications

Overview Summary:

The Ubiquiti airMAX MIMO 5GHz 90degrees Sector Antenna is designed for reliable sector coverage in Point-to-MultiPoint (PtMP) wireless networks. With 16.1-17.1dBi gain, dual-linear polarisation and a 4.90-5.85GHz frequency range, it is suited to professional outdoor network deployments. The antenna includes a universal pole mount, RocketM bracket and weatherproof RF jumpers for a practical installation.

For wireless network operators and installers in South Africa, this Ubiquiti airMAX sector antenna provides a robust solution for extending and managing 5GHz wireless coverage. Shop now or buy now for your next PtMP network deployment.

Performance tier:Professional

Uses:Point-to-MultiPoint networks, outdoor wireless networks, base station deployments, 5GHz network coverage, wireless ISP deployments

Overview:

airMAX MIMO 5GHz 90 Degree Sector Antenna - 17dBi

The Ubiquiti airMAX MIMO 5GHz 90 Degree Sector Antenna is designed to provide reliable sector coverage for Point-to-MultiPoint (PtMP) wireless networks. With 17dBi gain and a 90 degree coverage pattern, it is well suited to deployments that require focused wireless coverage across a defined area. The antenna is designed to pair with a Rocket M BaseStation, providing a practical solution for building high-performance airMAX wireless networks.

Description:

The Ubiquiti AM-5G17-90 is a 5GHz mid-gain sector antenna built for professional wireless networking applications. Its 2x2 MIMO design supports airMAX BaseStation deployments, while the 90 degree sector pattern helps concentrate the wireless

signal where coverage is required. The antenna operates across the 4.90 to 5.85 GHz frequency range and includes the mounting hardware and RF jumpers needed for installation.

Whether used for extending broadband connectivity, establishing wireless links or deploying a PtMP network, the AM-5G17-90 provides a focused and dependable antenna solution for outdoor wireless infrastructure.

Features:

Ubiquiti 5GHz 90 Degree Sector Antenna for PtMP Networks

Pair the airMAX sector antenna with a compatible Rocket M BaseStation to create a sector-based wireless network. The 90 degree beam coverage allows network operators to target a specific area rather than broadcasting across a full 360 degree radius, making it suitable for structured wireless deployments.

The 17dBi gain provides mid-gain performance for applications where a balance between coverage and signal concentration is required. Its 2x2 MIMO architecture is designed for use with Ubiquiti airMAX equipment and professional outdoor wireless networks.

Key Technical Details

- Model: AM-5G17-90
- Part Number / SKU: UB-AM 5G17 90
- Product type: 5GHz 90 degree sector antenna
- Antenna gain: 17dBi
- Frequency range: 4.90 - 5.85 GHz
- Wireless technology: airMAX 2x2 MIMO
- Coverage pattern: 90 degree sector
- Connector: SMA(F)RP
- Application: Point-to-MultiPoint (PtMP) wireless networks
- Mounting: Universal Pole Mount / RocketM bracket
- Included: Weatherproof RF jumpers

Designed for Ubiquiti airMAX BaseStation Deployments

The antenna is intended to work with a Rocket M BaseStation as part of an airMAX wireless infrastructure. This combination is useful for service providers, businesses and network installers deploying outdoor wireless connectivity across residential, commercial or rural areas.

The sector design can also simplify network planning by allowing coverage to be divided into defined areas. Multiple sector antennas can be used where broader coverage is required, depending on the network design and installation environment.

Installation and Mounting

A Universal Pole Mount and RocketM bracket are included to assist with installation. Weatherproof RF jumpers are also supplied, helping provide a suitable connection between the antenna and compatible wireless radio equipment in outdoor deployments.

The antenna is designed for professional installations where dependable mounting and appropriate RF connections are important for maintaining wireless network performance.

Why Choose the AM-5G17-90

For installers looking for a 5GHz sector antenna with focused coverage, 17dBi gain and compatibility with Ubiquiti airMAX equipment, the AM-5G17-90 offers a practical solution. Its 90 degree coverage pattern makes it particularly suitable for targeted PtMP deployments, while the included mounting and weatherproof RF accessories help streamline installation.

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Product Specification Sheet

The Ubiquiti AM-5G17-90 combines sector coverage, MIMO capability and mid-gain performance in a purpose-built antenna for outdoor 5GHz wireless networks.

Specifications:

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Specifications

Product Code	UB-AM 5G17 90
Dimensions (mm)	367 x 63 x 41
Weight	1.1 kg
Frequency Range	4.90 - 5.85 GHz
Gain	16.1 - 17.1 dBi
HPOL Beamwidth	72degrees (6 dB)
VPOL Beamwidth	93degrees (6 dB)
Electrical Beamwidth	8degrees
Electrical Downtilt	4degrees
Max. VSWR	1.5:1
Wind Survivability	125 mph
Wind Loading	6 lbf @100 mph
Polarization	Dual-Linear
Cross-pol Isolation	22 dB Min.
ETSI Specification	EN 302 326 DN2
Mounting	Universal Pole Mount, RocketM Bracket, and Weatherproof RF Jumpers Included

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/UB-AM-5G17-90-Ubiquiti-airMAX-MIMO-5GHz-90-degree-Sector-Buy-p-339160.php>

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Product Specification Sheet

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