

Cisco Meraki MA-ANT-20

Cisco Meraki MA-ANT-20 4/7 dBi Dual-Band Omni Directional Antennas User Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Cisco Meraki MA-ANT-20 4/7 dBi Dual-Band Omni Directional Antennas. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

SAFETY INFORMATION

- Ensure all connections are secure before powering on any associated equipment.
- Do not expose antennas to extreme temperatures or moisture.
- Handle antennas with care to avoid damage to connectors or housing.
- Installation should be performed by qualified personnel if specialized tools or knowledge are required.

PACKAGE CONTENTS

The package for the Cisco Meraki MA-ANT-20 includes:

- Two (2) Cisco Meraki MA-ANT-20 4/7 dBi Dual-Band Omni Directional Antennas

SETUP

The MA-ANT-20 antennas are designed for easy attachment to compatible Cisco Meraki access points or other devices with N-type connectors.

1. **Identify the Connector:** Locate the N-type connector ports on your compatible device.
2. **Attach the Antenna:** Carefully align the antenna's N-type connector with the port on your device. Gently twist the antenna clockwise until it is finger-tight. Do not overtighten.
3. **Position the Antenna:** For optimal omni-directional coverage, ensure the antenna is positioned vertically and unobstructed.



This image displays a close-up of the N-type connectors on two Cisco Meraki MA-ANT-20 antennas. The connectors feature a threaded metal exterior and a central pin, designed for secure attachment to compatible networking devices.

OPERATING

The Cisco Meraki MA-ANT-20 antennas are passive components that extend the wireless coverage of your compatible networking device. Once properly installed, they operate automatically with the device to which they are connected.

- **Dual-Band Functionality:** These antennas support both 2.4 GHz and 5 GHz frequency bands, providing flexible connectivity options for various wireless devices.
- **Omni-Directional Coverage:** The omni-directional design provides a 360-degree horizontal coverage pattern, suitable for general area coverage.

MAINTENANCE

The MA-ANT-20 antennas require minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the antennas if they become dusty. Do not use liquid cleaners or solvents.
- **Inspection:** Periodically check the antenna connections to ensure they remain secure.
- **Environmental Conditions:** Ensure the antennas are not exposed to conditions outside their specified operating environment, such as excessive heat, cold, or direct water exposure.

TROUBLESHOOTING

If you experience issues with your wireless network after installing the antennas, consider the following:

- **Poor Signal Strength:** Verify that the antennas are securely attached to the device. Ensure there are no major obstructions (e.g., thick walls, metal objects) directly between the antenna and the wireless clients.
- **No Connectivity:** Confirm that the networking device itself is powered on and functioning correctly. Check all cable connections to the device.
- **Interference:** If possible, try repositioning the antennas or the networking device to avoid potential sources of

interference from other electronic equipment.

SPECIFICATIONS

Feature	Detail
Brand	Cisco
Model	MA-ANT-20
Antenna Type	Omni-Directional Wi-Fi
Gain	4/7 dBi (Dual-Band)
Frequency Bands	2.4 GHz, 5 GHz
Connector Type	N-type
Color	White
Number of Items	2
Item Weight	79 Grams
Package Dimensions	22.91 x 7.11 x 4.9 cm
Manufacturer	Cisco Networks
UPC	657768813153

WARRANTY AND SUPPORT

This product comes with a**90 days limited warranty**. For warranty claims or technical support, please refer to the documentation provided with your original purchase or contact your vendor. Keep your proof of purchase for warranty purposes.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question