UBIQUITI®
NETWORKS

airMAX® Omni

5 GHz 2x2 MIMO
Dual Polarity Omni Antenna

Model: AMO-5G13

Quick Start Guide

Specifications

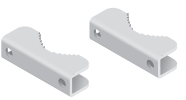
AMO-5G13	
Dimensions	799 x 90 x 65 mm (31.46 x 3.54 x 2.56")
Weight with Mount	0.82 kg (1.81 lb)
Frequency	5.45 - 5.85 GHz
Gain	13 dBi
Elevation Beamwidth	7°
Electrical Downtilt	2°
Max. VSWR	1.5:1
Wind Survivability	200 km/h (125 mph)
Wind Loading	84.52 N @ 200 km/h (19 lbf @ 125 mph)
Polarization	Dual Linear
Cross-Pol Isolation	25 dB Min.
RF Connectors	2 RP-SMA Connectors (Weatherproof)
Mounting	Universal Pole Mount, RocketM Bracket, and Weatherproof RF Jumpers Included
ETSI Specification	EN 302 326 DN2

Introduction

Thank you for purchasing the Ubiquiti Networks® airMAX® 5 GHz 2x2 MIMO Dual Polarity Omni Antenna. This Quick Start Guide is designed to guide you through the installation of the antenna. This Quick Start Guide also includes the warranty terms and is for use with the airMAX Omni Antenna, model AMO-5G13.

Package Contents

Antenna



Pole Clamps
(Qty. 2)

Carriage Bolts
(M8x100, Qty. 4)

Serrated Flange Nuts
(M8, Qty. 4)

RF Cables
(Qty. 2)

Quick Start Guide

Products may be different from pictures and are subject to change without notice.

TERMS OF USE: Ubiquiti radio devices must be professionally installed. Shielded Ethernet cable and earth grounding must be used as conditions of product warranty. TOUGHCable™ is designed for outdoor installations. It is the customer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, and Dynamic Frequency Selection (DFS) requirements.

Installation Requirements

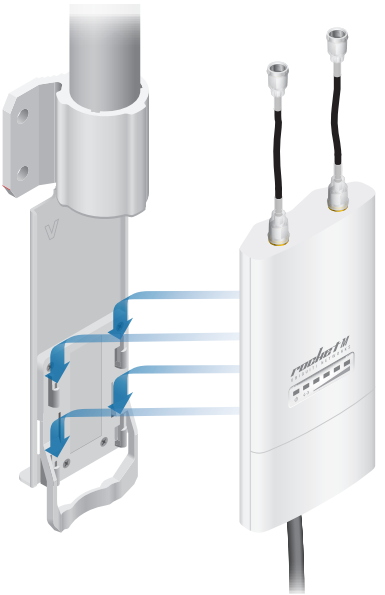
- Rocket™M5 or RocketM5 GPS (sold separately)
- 13 mm wrench
- Shielded Category 5 (or above) cabling should be used for all wired Ethernet connections and should be grounded through the AC ground of the PoE.

  We recommend that you protect your networks from the most brutal environments and devastating ESD attacks with industrial-grade shielded Ethernet cable from Ubiquiti Networks. For more details, visit **www.ubnt.com/toughcable**

Hardware Installation

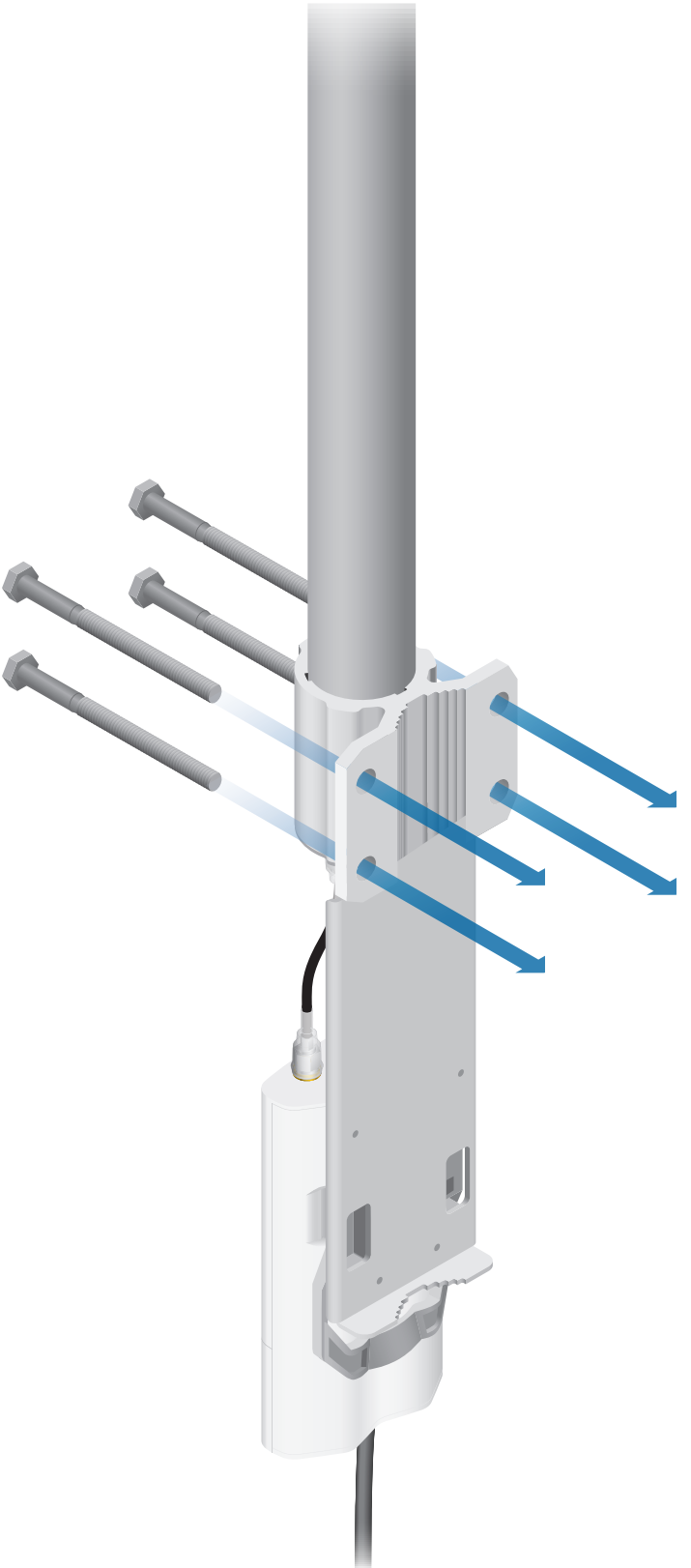
1. Attach the *RF Cables* to the connectors labeled **Chain 0** and **Chain 1** on the Rocket.

2. Align the mounting tabs on the back of the Rocket with the Rocket mount, and slide the Rocket down to lock it into place.



3. Attach the other ends of the *RF Cables* to the RF connectors on the antenna.

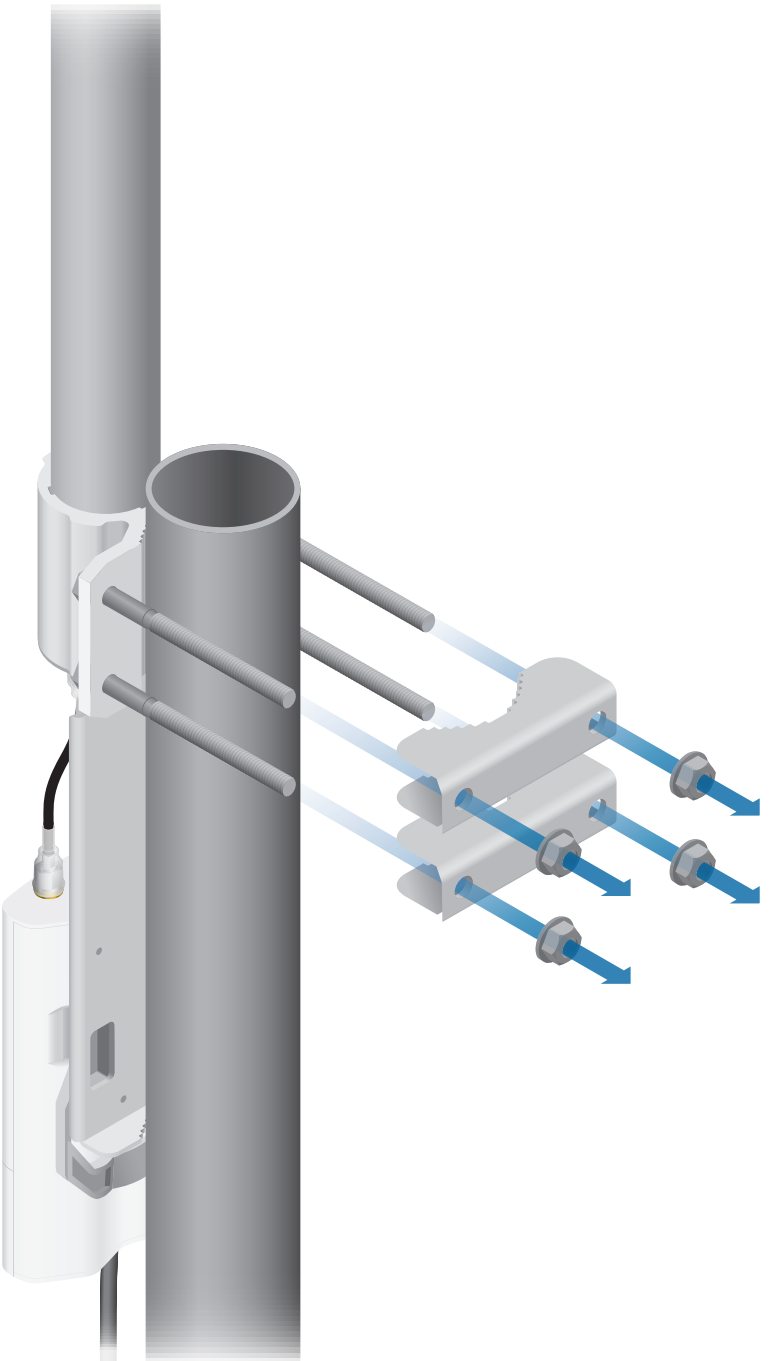
4. Insert the four *Carriage Bolts* into the main mounting bracket of the antenna.



5. Attach the antenna to the top of the pole. (If the antenna is attached to a lower point on the pole, part of the signal will be blocked by the pole.)

   Note: The mounting assembly can accommodate a Ø 38 - 76 mm (1.5 - 3.0") pole.

   a. Slide a *Pole Clamp* over each pair of *Carriage Bolts*.
   b. Secure each *Pole Clamp* with two *Serrated Flange Nuts*.
   c. Tighten all nuts to approximately 25 N-m (18 lb-ft).



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