



Mounting Kits

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Universal pole-mounted bracket (ANT-MK-U)

The Universal pole-mounted bracket (ANT-MK-U) is designed to provide stable, reliable support for antenna deployments.

The bracket simplifies the physical installation process of installing an antenna to a pole.

Supported Antennas

The antennas compatible with and validated for this bracket are listed in the table.

Antenna PID	Description
ANT-3-5G2G1-P-O	A compact 3-in-1 multi-element antenna with 2 cellular (4G/5G FR1) ports and 1 passive GNSS port, designed for rugged environments like utilities and navigation.
ANT-4-5G4-O	A 4-port antenna supporting 5G FR1 and dual-band Wi-Fi with omni radiation pattern, suitable for fixed infrastructure and utility IoT deployments.
ANT-5-5G4G1-O	A multi-element 5-in-1 antenna with 4 cellular (4G/5G) ports and 1 active GNSS port, featuring omni radiation pattern and 45W power rating, designed for vehicle mount and fixed infrastructure.
ANT-7-5G4WL2G1-O	A 7-in-1 multi-band monopole antenna with 4 cellular (4G/5G) ports, 2 Wi-Fi ports, and 1 GNSS port, supporting LTE/5G FR1, dual-band Wi-Fi, and active GNSS, designed for vehicle and fixed infrastructure mounting.

Mechanical Specifications

Figure 1: ANT-MK-U Bracket Front view

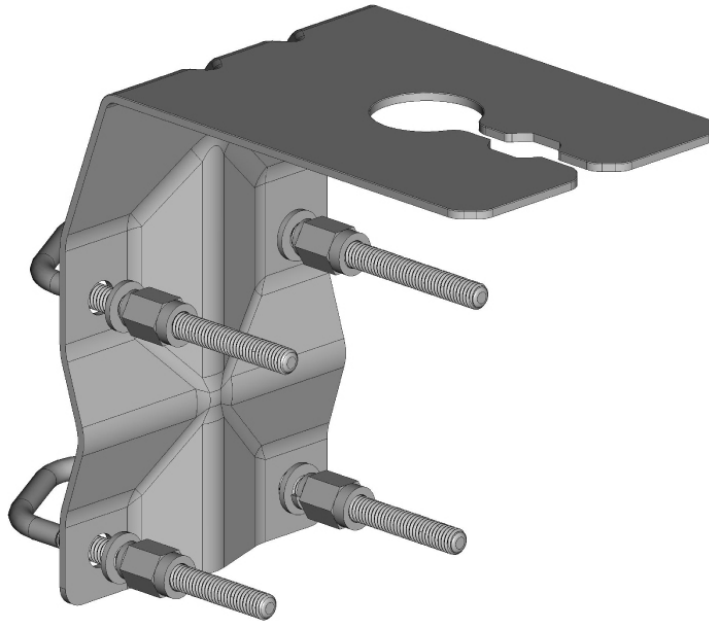


Figure 2: ANT-MK-U Bracket Rear view

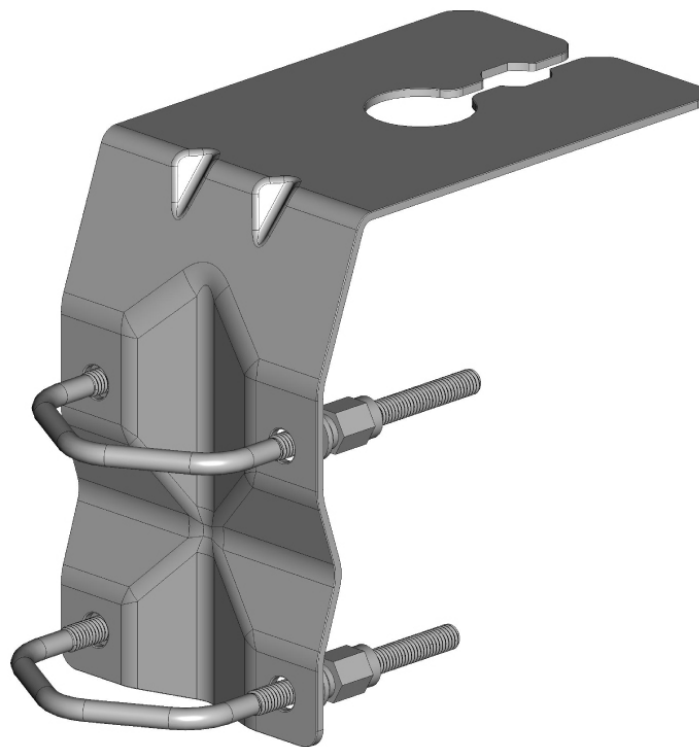
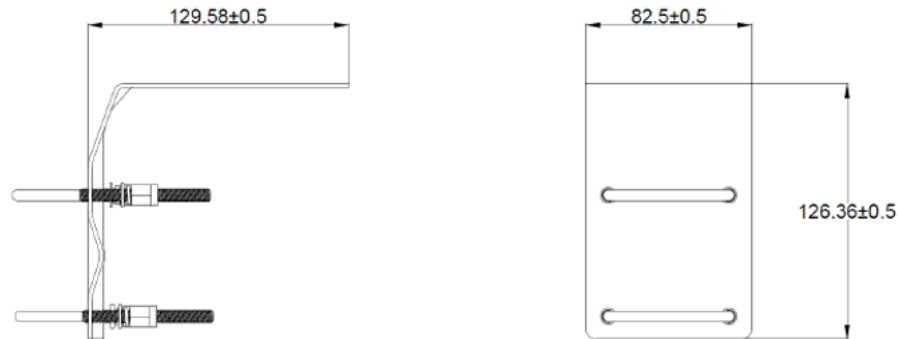
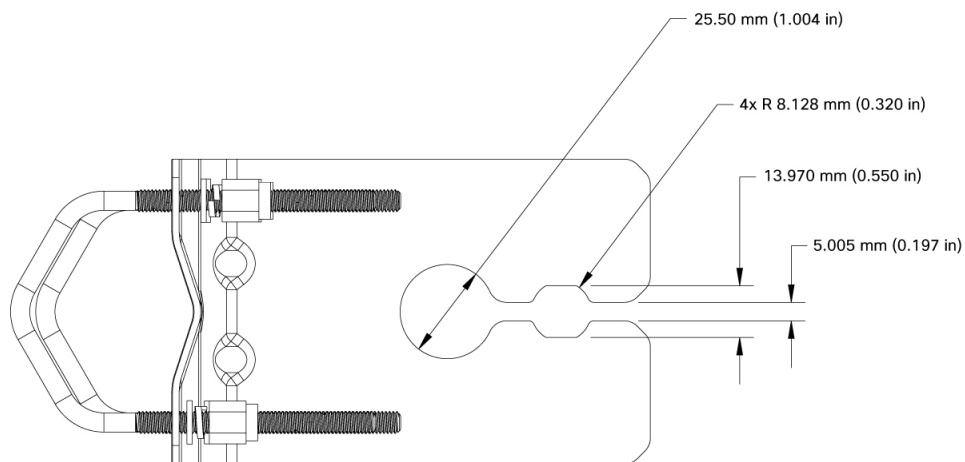


Figure 3: ANT-MK-U Bracket Dimensions

Dimensions in millimeters.

Figure 4: ANT-MK-U bracket Mounting Dimensions

Note Use a pole of maximum diameter 53.975 mm (2.125 in).

Pole Bracket Installation

Mount the Cisco universal mounting bracket to a pole.

Before you begin

The hardware items required:

- Pole (max 2.125" diameter)
- Bracket

- 2x U-bolts
- 4x Plate washers
- 4x Spring washers
- 4x Nuts

The installation procedure provides instructions to pole mount the universal mounting bracket (ANT-MK-U).

Procedure

- Step 1** Align the Universal Pole Mounting Bracket to a pole.
- Position the bracket at the desired height and orientation.
 - The horizontal slotted antenna-mounting plate at the top.
 - The vertical bracket face aligned with the pole.
 - The upper and lower U-bolt positions aligned with the corresponding upper and lower bracket openings.
- Step 2** Install the V-bolts.
- Insert the V-bolts around the pole, threading the legs through the designated mounting holes on the bracket.
- Step 3** Insert the hardware in order over each V-bolt leg.
- a. Plate washer against the bracket.
 - b. Spring washer over the plate washer.
 - c. Nut on the spring washer.
- Step 4** Secure the bolts.
- a. Ensure that the bracket is level and centered.
 - b. Tighten the nuts to a torque of 18–22 in-lbs (2–2.5 Nm) using a wrench.
 - c. Maintain an even gap between the bracket and the pole by tightening the nuts in a diagonal cross-pattern.
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What to do next

Install a supported antenna to the bracket.