

Mechanical Downtilt:  $0^{\circ} - 30^{\circ}$ Pole Diameter: 30 mm - 80 mm

## Hardware, Tools, and Fasteners Required

A mounting installation kit is shipped with the Altai 5 GHz 16 dBi sector antenna and consists of the following hardware:

- M8 nut (8)
- Clamp (2)
- M8 x 130 bolt (4)
- C-clamp (2)
- M8 washer (8)
- Upper arm (1)
- M6 washer (4)
- M6 spring washer (4)
- M6 nut (4)
- M6 x 16 screw (4)
- Lower arm (1)

Wrenches will be needed to install the antenna.

## **Installation Process**

The following sections contains the procedures for installing the antenna on a pole.

- 1. For the upper mounting bracket, attach a c-clamp and a clamp to the pole using two M8 x 130 bolts and two M8 nuts.
- 2. For the lower mounting bracket, attach a c-clamp and a clamp to the pole using two M8  $\times$  130 bolts and two M8 nuts.
- 3. Attach the upper arm to the upper c-clamp.
- 4. Attach the lower arm to the lower c-clamp.
- 5. Position the antenna so that the N-connectors face down.
- 6. Attach the upper bracket of the antenna to the upper arm using two M6 x 16 screws, two M6 washers, two M6 spring washers, and two M6 nuts.

- 7. Attach the lower bracket of the antenna to the lower arm using two M6 x 16 screws, two M6 washers, two M6 spring washers, and two M6 nuts.
- 8. Align the antenna to Azimuth direction and the desired downtilt angle.
- 9. Attach one end of the RF cables to the N-connectors of the antenna. Torque the N-connectors to 0.9 +/- 0.15 nm.
- 10. Attach the other end of the RF cables to the 5GHz N-connectors of the AX500-X. Torque the N-connectors to 0.9 +/- 0.15 nm.



