T750 Strand Mount Bracket Quick Setup Guide

The T750 strand mount bracket mounts the access point (AP) to an overhead strand and shields the AP from light falling debris and hail. The T750 Strand Mount Bracket kit (part number 902-0703-0000) includes required strand mounting hardware.

This *Quick Setup Guide* provides step-by-step instructions on how to use the strand mount bracket to mount your T750 AP on a standard overhead strand.

NOTE: The AP must be installed on a cable strand by a professional cable installer.

WARNING! Mounted equipment must be grounded. If the cable strand is not grounded, you must ground the mounted equipment by connecting a customer-supplied ground wire to the grounding lug on the mounted equipment, and then connect the other end to a reliable earth ground. If you are uncertain if suitable grounding is available, contact the appropriate electrical inspection authority or an electrician.

NOTE: In updated versions of the T750, you may receive two labels. One label displays the last four digits of the Serial Number; this label is meant to be applied to the top of the AP enclosure. The other label displays the full Serial Number and the MAC Address; this label is meant to be applied to the rear side of the AP. These labels are most useful for strand mounting applications. No functional changes have been made to the AP with the introduction of these labels.

Package Contents

- One strand bracket
- Two strand bracket kit
- Four 0.250-20 x .75-inch carriage bolts
- Four 0.250-20, hex nuts
- Four M4 x 8-mm screws with washers
- Ten 0.250 flat washers
- Ten 0.250 split lock washers
- Six 0.250-28 x .50-inch hex bolts
- RUCKUS QR code insert

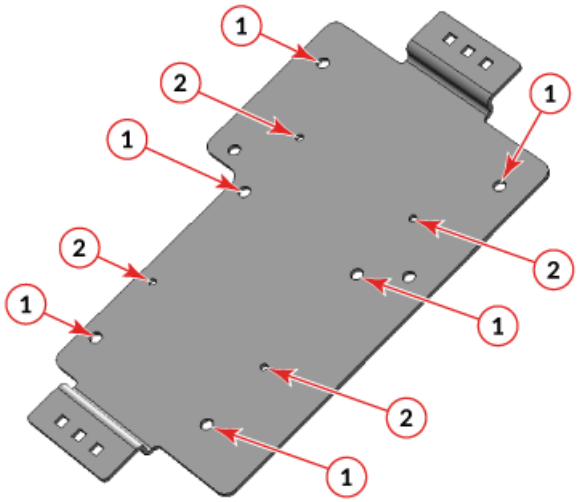
Required Tools

- 7/16-inch socket and ratchet torque wrench
- 5/8-inch crowfoot wrench and ratchet torque wrench

Bolting Patterns

The bolting pattern used to secure the T750 and T350 APs to the strand bracket is shown in Figure 1.

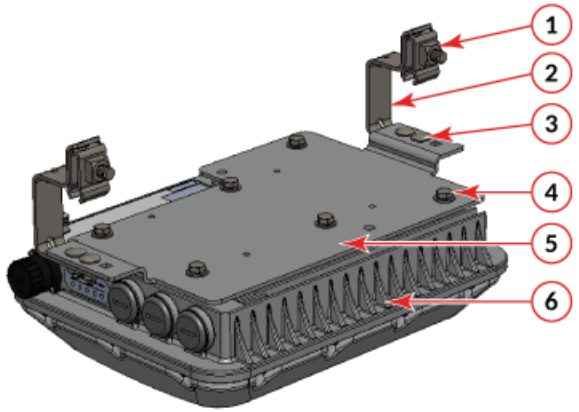
FIGURE 1 Bolting Pattern for the T750 AP



1. T750 bolting pattern
2. T350 bolting pattern

Different Views of the Strand Mount Assembly

FIGURE 2 T750 AP and Strand Bracket Assembly (Bottom View)



1. 3/8 x 16, 1.25-inch bolt and square nut
2. Strand clamp
3. 0.250-20 carriage bolt, hex nut, and split lock washers
4. 0.250-28 hex bolts and washers
5. Strand bracket
6. T750 AP

FIGURE 3 T750 AP and Strand Bracket Assembly (Front View)

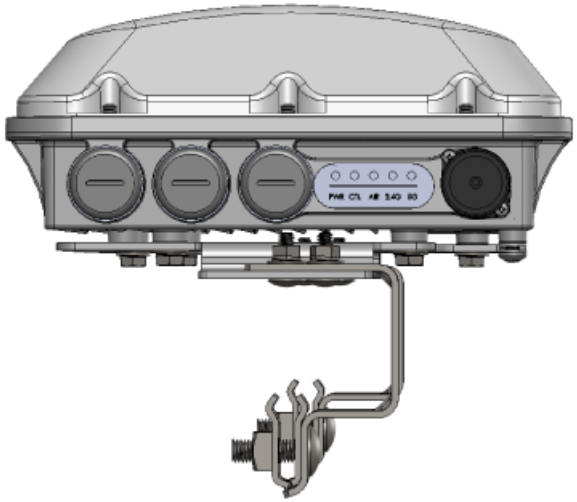
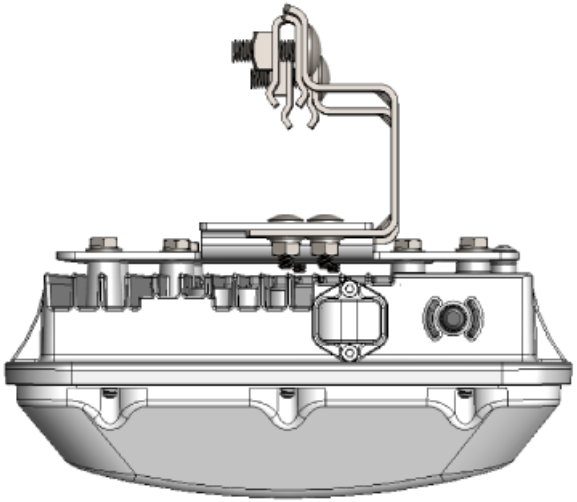


FIGURE 4 T750 AP and Strand Bracket Assembly (Rear View)



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FIGURE 5 T750 AP and Strand Bracket Assembly (Left View)

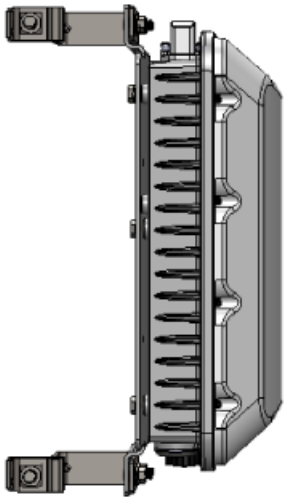


FIGURE 6 T750 AP and Strand Bracket Assembly (Right View)

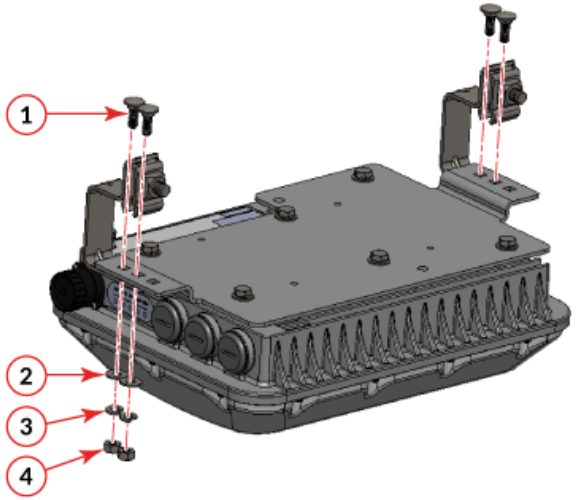


Mounting Instructions

Step 1: Assembling the Strand Clamps, AP, and the Strand Bracket

1. Fasten the strand clamps to both ends of the strand bracket using the 0.250-20 carriage bolts, flat washers, split lock washers, and hex nuts with a torque of 7 ft-lb (as shown in Figure 7).

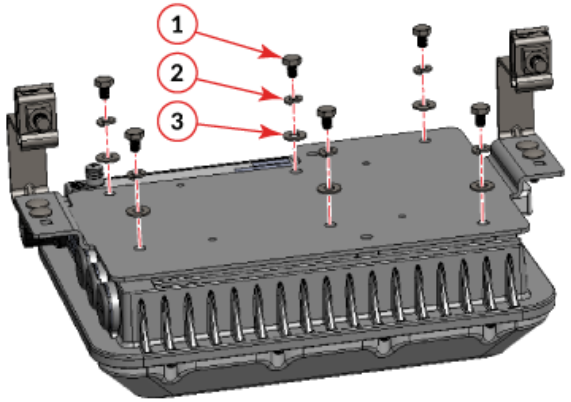
FIGURE 7 Attaching the Strand Bracket Clamps to Both Sides of the Strand Bracket



1. 0.250-20 carriage bolt
2. Flat washer
3. Split lock washer
4. Hex nut

2. Assemble the T750 AP and strand bracket with the 6 sets of 0.250-28 hex bolts, split lock washers and flat washers with a torque of 27 in-lb (as shown in Figure 8).

FIGURE 8 Assembling the T750 AP and Strand Bracket

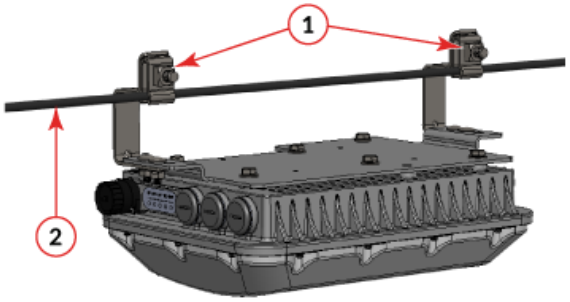


1. Hex bolt
2. Split lock washer
3. Flat washer

Step 2: Mounting the AP Assembly on the Strand

1. Loosen the square nuts that fasten the two cable clamps to the strand interface, enough for the strand support cable to fit into the cable clamps.

FIGURE 9 Mounting the AP Assembly on the Strand



1. Loosened square nuts
2. Strand support cable

2. Place the cable clamps on the strand support cable.
3. Tighten the two square nuts to approximately 20 ft-lb to secure the mounting.

For More Information

For information, refer to https://support.ruckuswireless.com.

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