

INSTALLATION INSTRUCTIONS



# Trooper™

## Permanent Mount Mobile Antenna

4G LTE | 5G | Multiband | SMA Plug



PCTHPDLTE-LT

## INSTALLATION INSTRUCTIONS

# Trooper™ PCTHPDLTE-LT

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### Stud Mount (Typical Installation)

1. Select a mounting location centered on a ground plane with a minimum of 203.2 mm (8 inches) in any given direction. Space at least 406.4 mm (16 inches) from adjacent antennas or metallic structures. Ensure that there is 50.8 mm (2 inches) in diameter around the mounting hole for the mounting stud, cable routing, and mounting nut and tightening procedure.
2. Cut or drill a 5.4 mm (1 inch) hole through the mounting surface (Figure 1).
3. Ensure that the hole edges are clean and free of any debris, sharp edges or burrs to prevent cable damage and VHB adhesive contamination during installation.
4. Clean the mounting surface around the hole. The surface must be free of any debris that would prevent the inner foam gasket from adhering or the outer rubber gasket from forming a seal.
5. Feed the cables through the hole taking care not to damage the jacket, and route them to desired location.
6. Remove the liner from the inner foam gasket, insert the mounting stud through the hole, and position the antenna onto the mounting surface.
7. Beneath the mounting surface, install the slotted lock nut onto the mounting stud and tighten by hand. Then tighten with a wrench until the antenna is fully seated or with a torque wrench to 8 Nm (6 lbf•ft) minimum.
8. Visually inspect the outer rubber gasket to make a proper seal against the mounting surface and radome. If the locking nut includes a set screw locking feature, torque down the locking nut as directed above, then torque the set screw to 3.5 Nm (2.2 lbf•ft).

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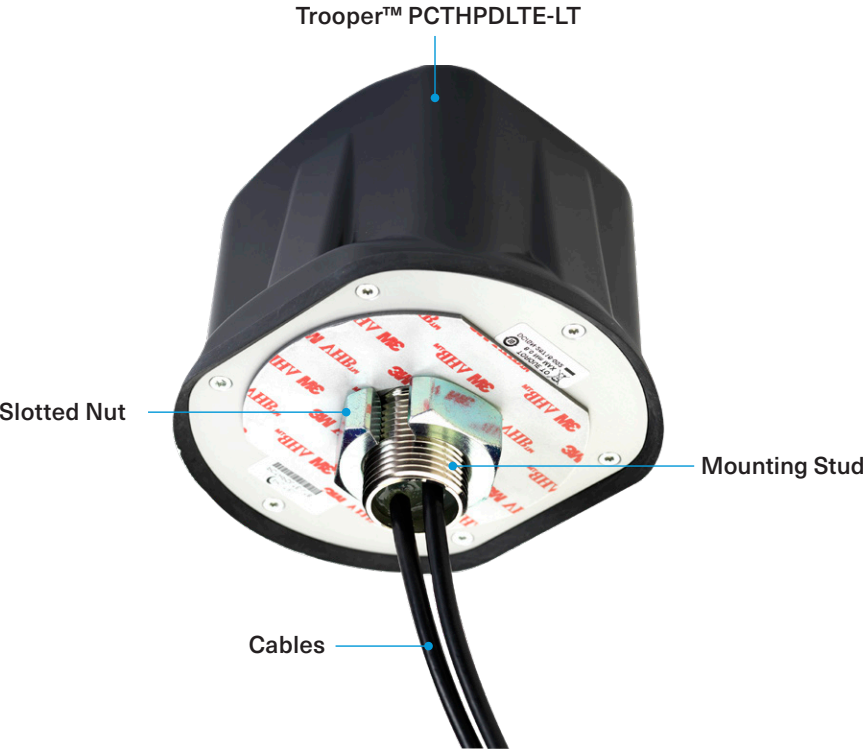
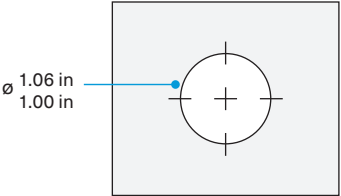


Figure 1: Mounting Hole



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## Need help?

For assistance with installation, please contact

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