

INSTALLATION INSTRUCTIONS



Cabinet Mount

GNSS Multiband Antenna

Multi-port LTE | 802.11ac MIMO



GL7X1-IOTCM-5FT

INSTALLATION INSTRUCTIONS

Cabinet Mount GL7X1-IOTCM-5FT

3.0 Antenna Installation

1. Determine an installation location that is large enough to fit the antenna. The antenna is 254 mm (10 inch) in diameter. Ensure that the mounting surface is as flat as possible. A space of at least 38.1 mm (1.5 inch) deep by 63.5 mm (2.5 inch) diameter is required below the mounting surface to allow for sufficient clearance for the mounting stud, hardware, and cables.
2. Cut or drill a 25.4 mm (1 inch) hole through the mounting surface.
3. Ensure that the hole is free of any burrs and sharp edges to prevent cable damage and VHB adhesive contamination during installation.
4. Clean the mounting surface around the hole with 70/30 isopropyl alcohol. The surface must be free of any debris that would prevent the inner foam gasket from adhering and forming a seal.
5. Feed the cables through the hole and place the antenna with the “front” facing forwards in enclosure. (Figure 1 shows the antenna labeling with “front” and “rear”.)
6. Remove the protective film to expose the VHB adhesive and slightly press down on the antenna for the tape to secure properly.
7. Feed the washer and nut through the cables and tighten the nut to 14 Nm (10.5 lbf•ft). (Figure 2)

INSTALLATION INSTRUCTIONS

Cabinet Mount GL7X1-IOTCM-5FT

Figure 1: Top view of antenna with location of stud to center of antenna

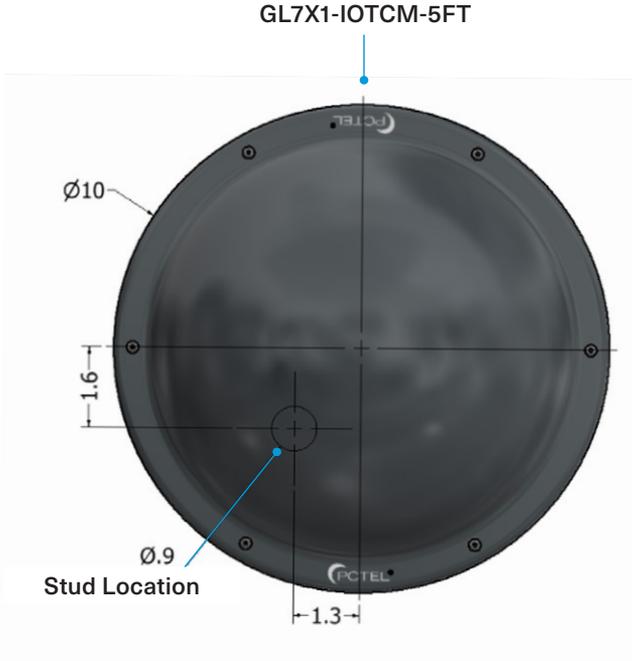
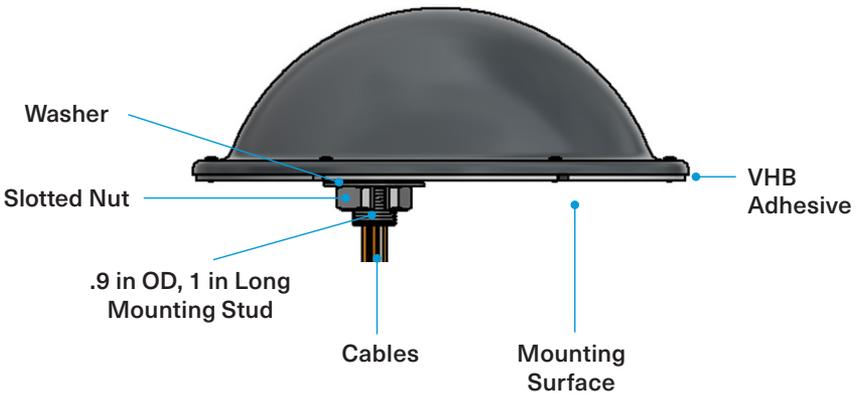


Figure 2: Side view of antenna installation



Cabinet Mount GL7X1-IOTCM-5FT

Need help?

For assistance with installation, please contact

T: +1 630 372 6800



PCTEL, Inc.

T: +1 630 372 6800 | pctel.com | NASDAQ: PCTI

Specifications subject to change without notice. PCTEL® is a registered trademark of PCTEL, Inc.
©2020 PCTEL, Inc. All rights reserved. (August 2020)