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000-231 Shim Leveler Kit for OptiTect® Cabinets

003-668 OptiTect Premier Cabinet — FDH-HDF

003-669 OptiTect Advantage Cabinet — SE

1. General

This document describes using a hardware mounting kit to install an OptiTect® cabinet onto a pad.

2. Tools and Materials

- Hoist or crane
- Forklift or handtruck
- 216B tool or a 7/16-in nutdriver or wrench (for entry into the interior of the cabinet)
- Hammer drill with 1/2-in masonry bit
- 3/4 in deep socket or wrench
- Vacuum
- Hammer

3. Prepare for Installation

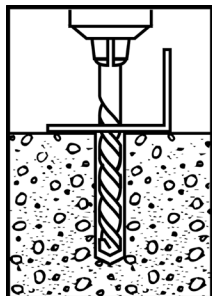
Following standard local practices, prepare the site and place the pad at the designated location. Ensure that cable and ducts have been installed prior to installing or pouring the pad to prevent excavation underneath the pad.

IMPORTANT: Precast pad should meet same construction and dimensional criteria as pad constructed on site.

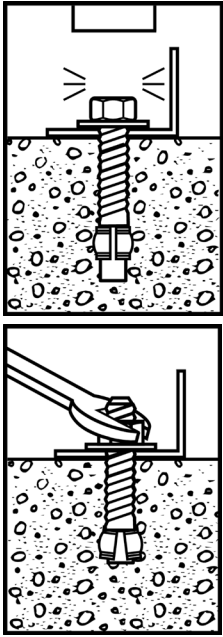
4. Attach Cabinet to the Pad

4.1 Using Threaded Studs

- Step 1:** Follow the instructions provided with the cabinet to remove the cabinet and cables from their packaging and to lower the cabinet into position to mount onto the pad.
- Step 2:** If not previously removed, take the access panel off the front of the cabinet's base using a 216B tool or a 7/16-in nutdriver or wrench.
- Step 3:** If threaded studs have not been preinstalled into the pad, insert the wedge-type expansion anchor from the mounting kit into the concrete.



- a. Place the template provided with the cabinet on the pad in the location designated for the cabinet. Determine the mounting hole locations.
- b. Using a 1/2-in masonry bit, drill a hole 1.75 in deep at each hole location. Vacuum any debris out of the hole and clean the area where the cabinet will be mounted.



c. Assemble the anchor with the nut and washer so that the top of the nut is flush with the top of the anchor. Drive anchor into the hole, ensuring that at least 1 in of the stud remains above the surface of the pad.

d. Tighten the nut three to five turns to expand and set the anchor. Then remove the nut and washer.

Step 4: Lower the cabinet onto the threaded studs while simultaneously pulling the cable through the appropriate ducts. Loosely secure the cabinet with the washer and nut.

Step 5: Check for proper operation of the cabinet doors. If the cabinet doors do not operate properly, insert shims until the doors open and close properly. Follow the instructions provided with the shim leveler kit.

4.2 Using Threaded Inserts

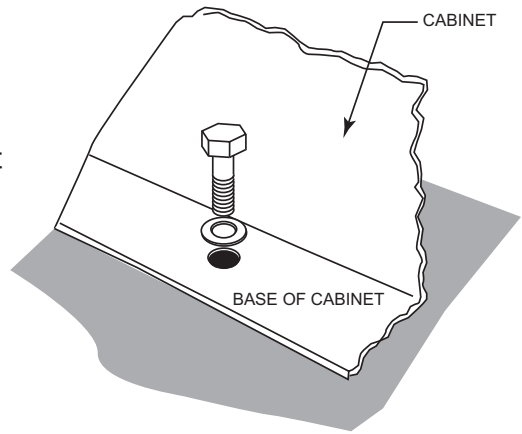
Step 1: Follow the instructions provided with the cabinet to remove the cabinet and cables from their packaging and to lower the cabinet into position to mount onto the pad.

Step 2: If not previously removed, take the access panel off the front of the cabinet's base using a 216B tool or a 7/16-in nutdriver or wrench.

Step 3: Remove any debris from the area where the cabinet will be installed. Lower the cabinet onto the pad while simultaneously pulling cable through the appropriate ducts.

Step 4: Align the holes in the cabinet's base with the threaded inserts in the pad. Insert the hardware from the mounting kit through the holes in the cabinet's base into the threaded inserts as shown.

Step 5: Loosely secure the cabinet with the washer and nut. Check for proper operation of the cabinet doors prior to tightening fasteners. If the cabinet doors do not operate properly, insert shims until the doors open and close properly. Follow the instructions provided with the shim leveler kit.



5. Conclude Cabinet Installation

Step 1: Once cabinet is level, securely tighten all mounting fasteners in the base of the cabinet.

Step 2: Return to the instructions provided with the cabinet to route cables and conclude installation of the cabinet. Replace and secure the access panel when installation is complete.

Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

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