



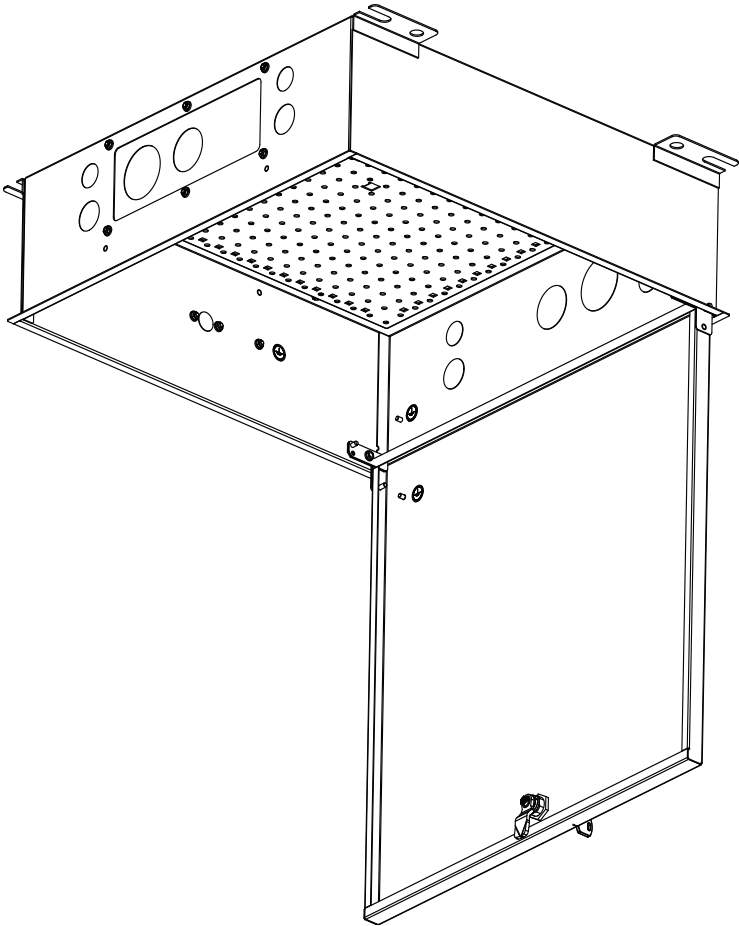
# Multi-Purpose In-Ceiling Enclosure

Part Numbers: MSICE24

**MSICE24**

**List of Components:**

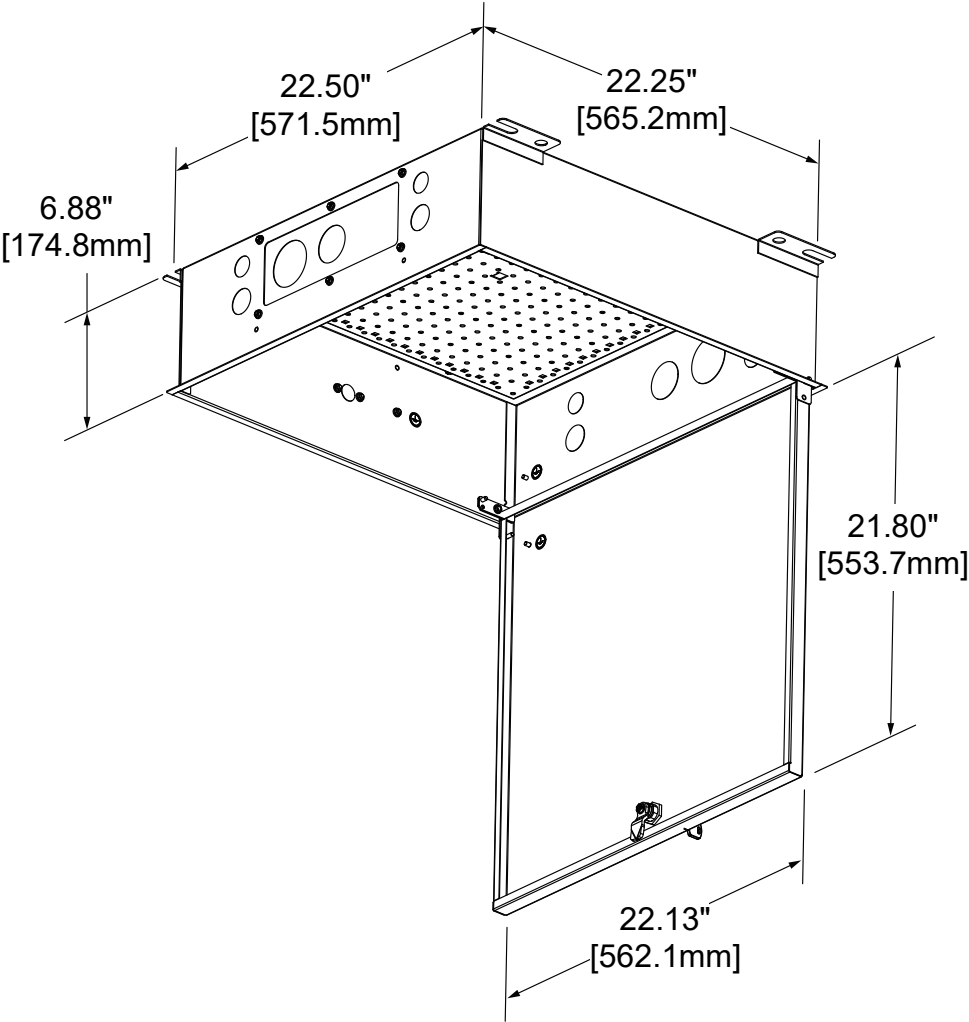
- (1) In-Ceiling Enclosure
- (1) Locking Hinged Cover
- (2) Keys



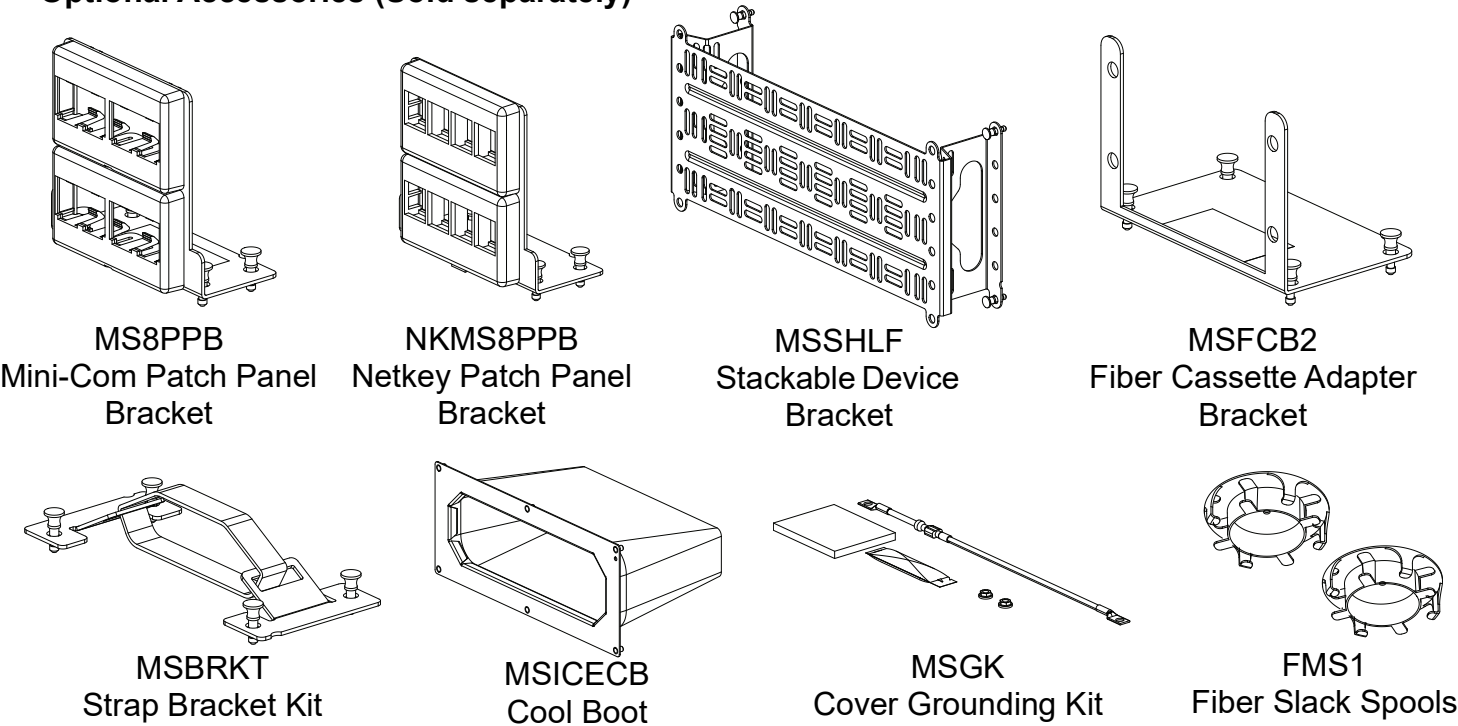
**MAXIMUM LOAD RATING.**  
**MS\*\*EHDS - 35 lb [16 kg]**

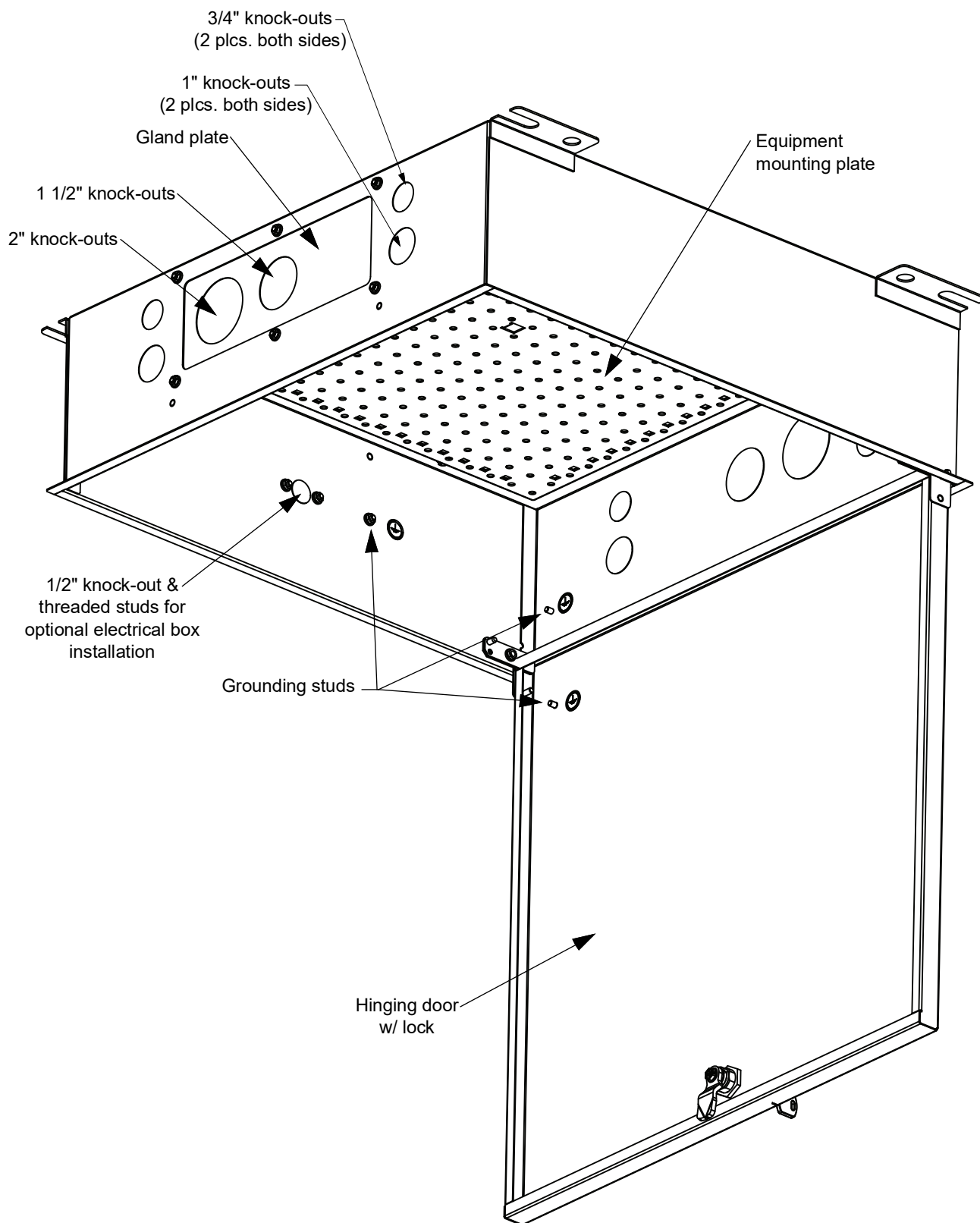
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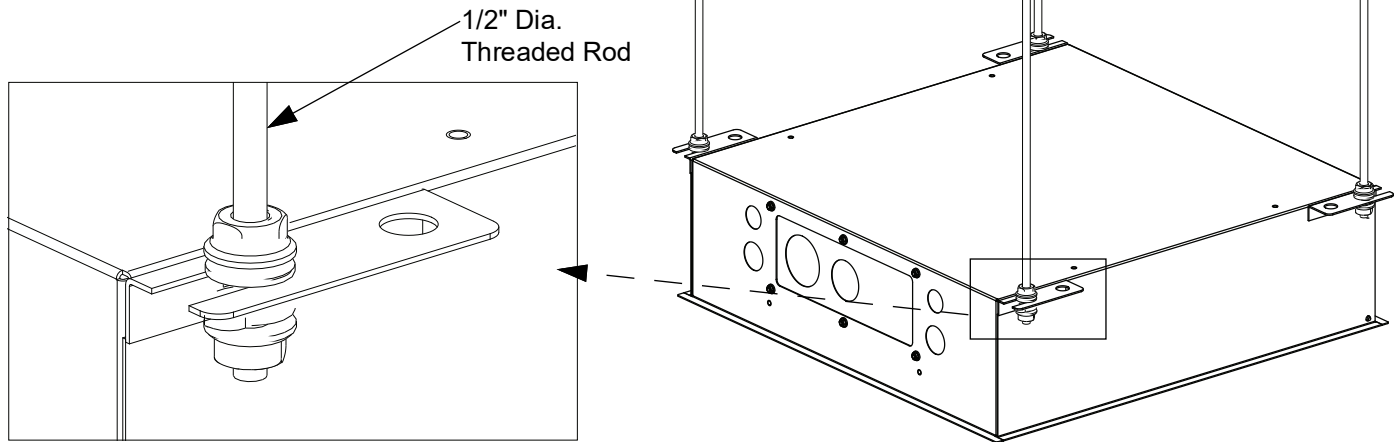
Optional Accessories (Sold separately)





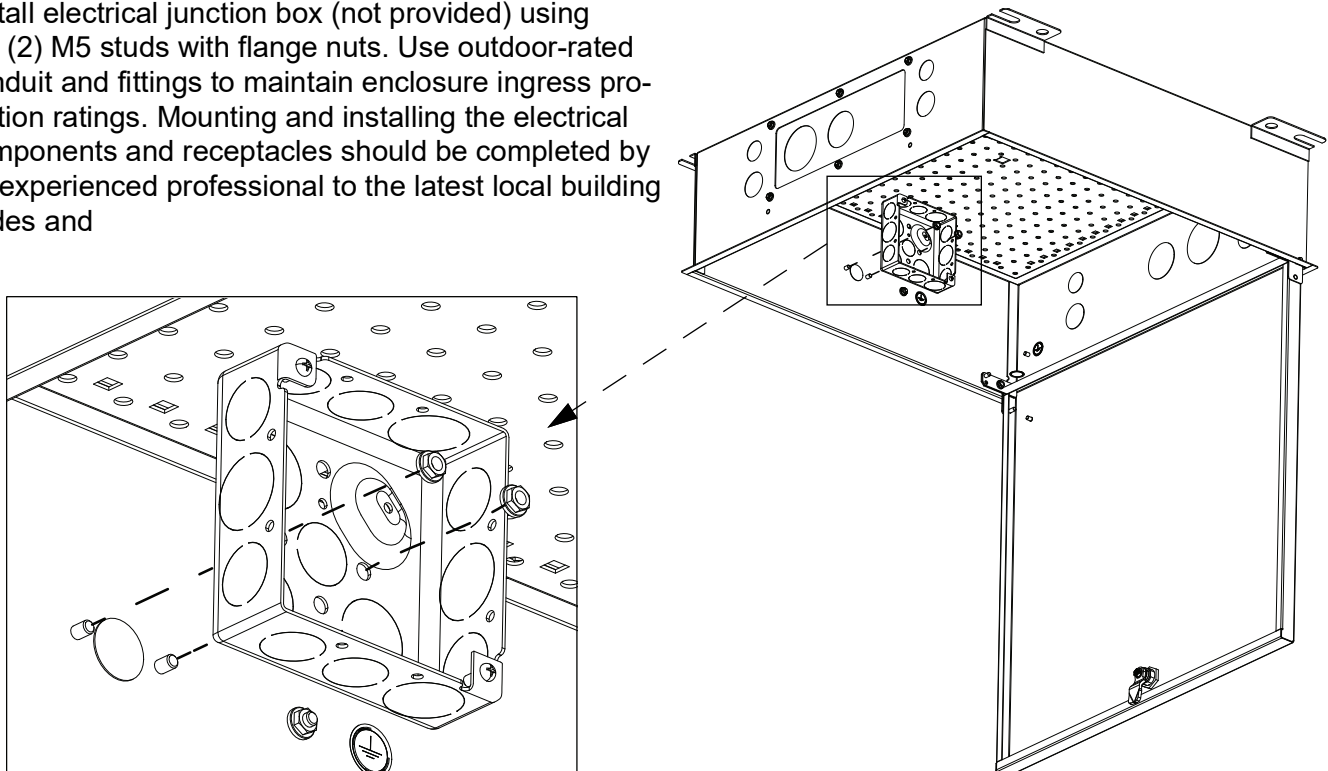
## Install in Ceiling

Install (4) 1/2" dia. threaded rods to the building structure. The 1/2" dia. threaded rod must be attached on all four corners of the enclosure with a nut and washer above and below the support bracket. Level the enclosure so the weight is not supported by the ceiling grid system.



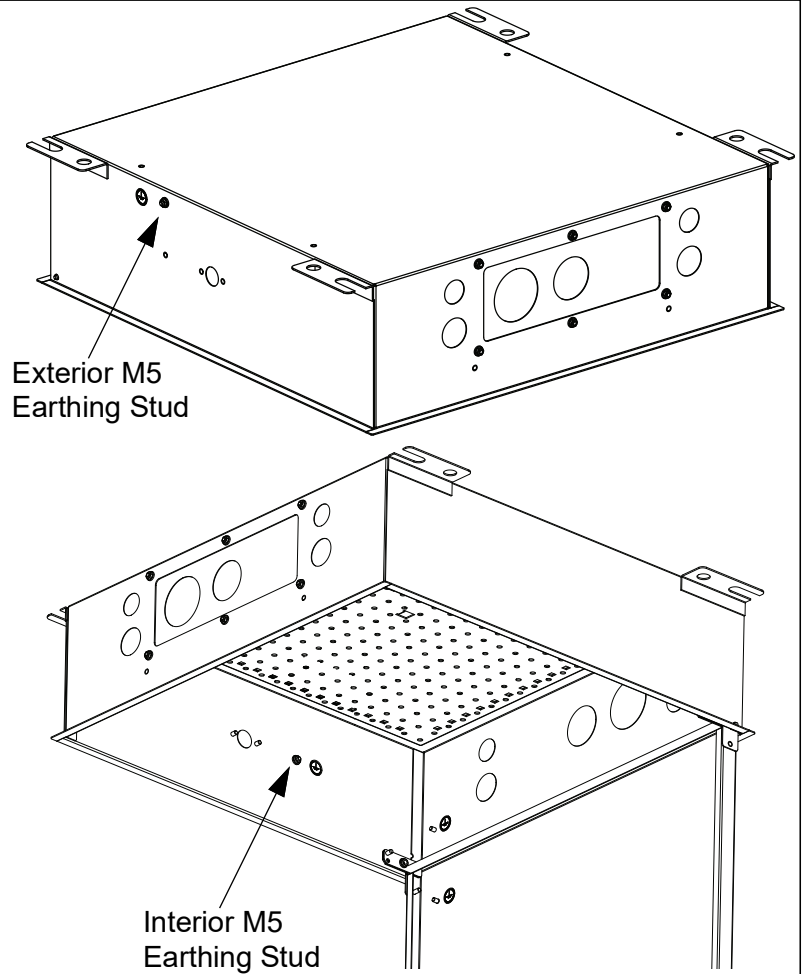
## Electrical Box Installation (Optional)

Install electrical junction box (not provided) using the (2) M5 studs with flange nuts. Use outdoor-rated conduit and fittings to maintain enclosure ingress protection ratings. Mounting and installing the electrical components and receptacles should be completed by an experienced professional to the latest local building codes and

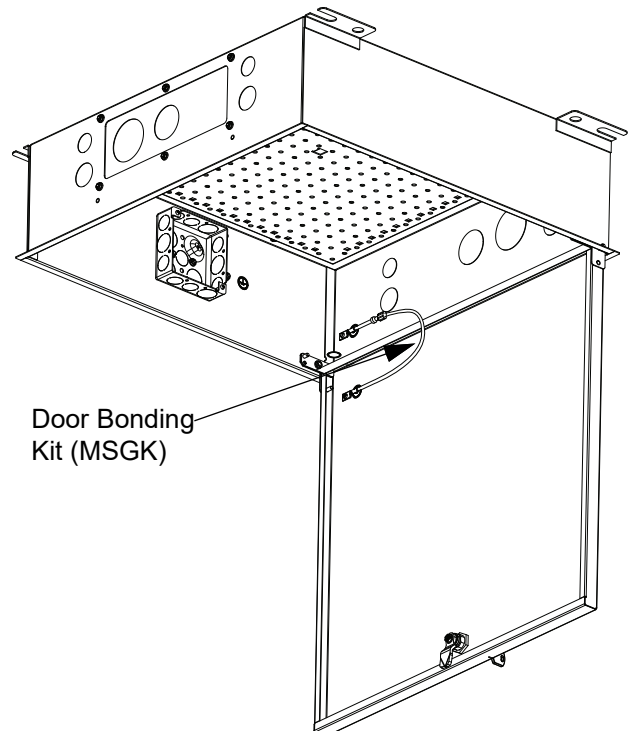


## Grounding

Run grounding cable (GJS6120U or similar, sold separately) from Telecommunications Grounding Busbar (TGB) or conduit ground conductor to enclosure and attach to the specified M5 earthing stud on the enclosure base. Two earthing studs are identified with a ground symbol label. Ensure the grounding conductor matches or exceeds the wire gauge for power delivery to the enclosure. Ensure that no other conductors or connectors are attached to the specified M5 earthing stud. Note: The door is not sufficiently bonded to the protective earthing terminal without the use of an additional bonding jumper (MSGK).



MSGK door bonding kit (sold separately) includes one quick-disconnect jumper to bond the door to the enclosure. Attach each end of the bonding jumper to the specified M5 bonding studs using the bonding nuts provided with the MSGK kit.



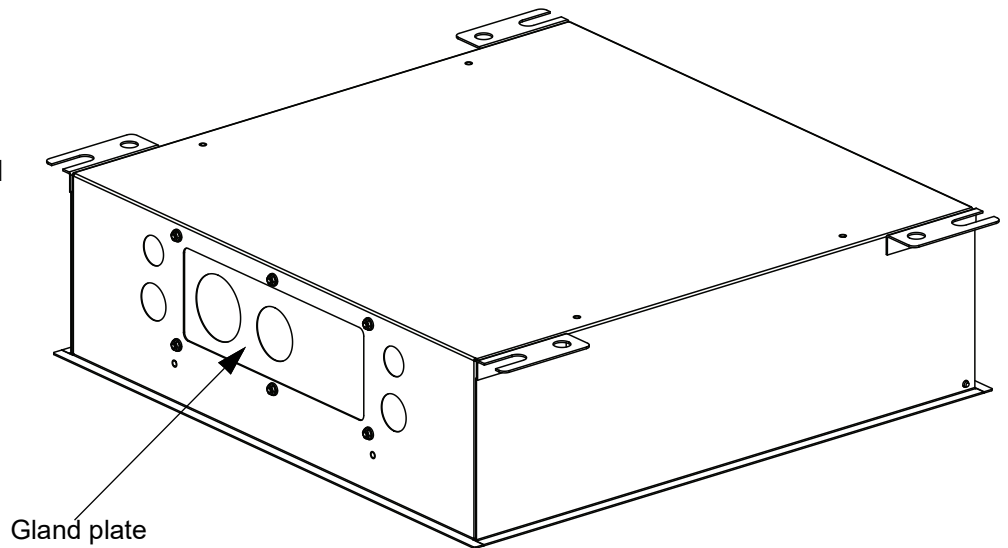
## Cable Routing Option 1

**Note:** Install all cabling in accordance with NEC article 300.22 and article 800.

Use any of the conduit knockouts for cable ingress/egress. Use outdoor-rated conduit and fittings to maintain enclosure ingress protection ratings.

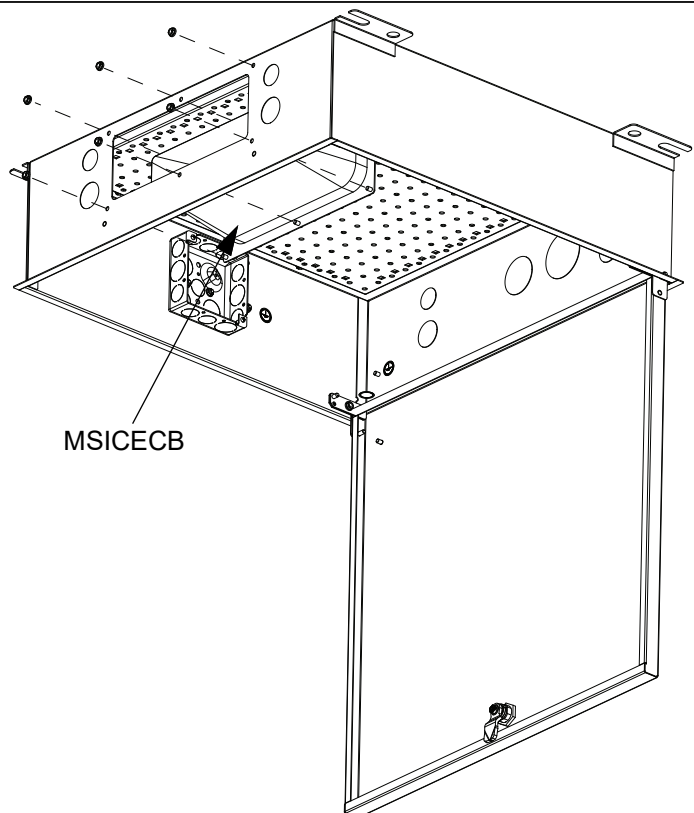
Gland plate may be removed to achieve higher cable capacity.

**Note:** Enclosure ingress protection ratings are not applicable with gland plate removed.



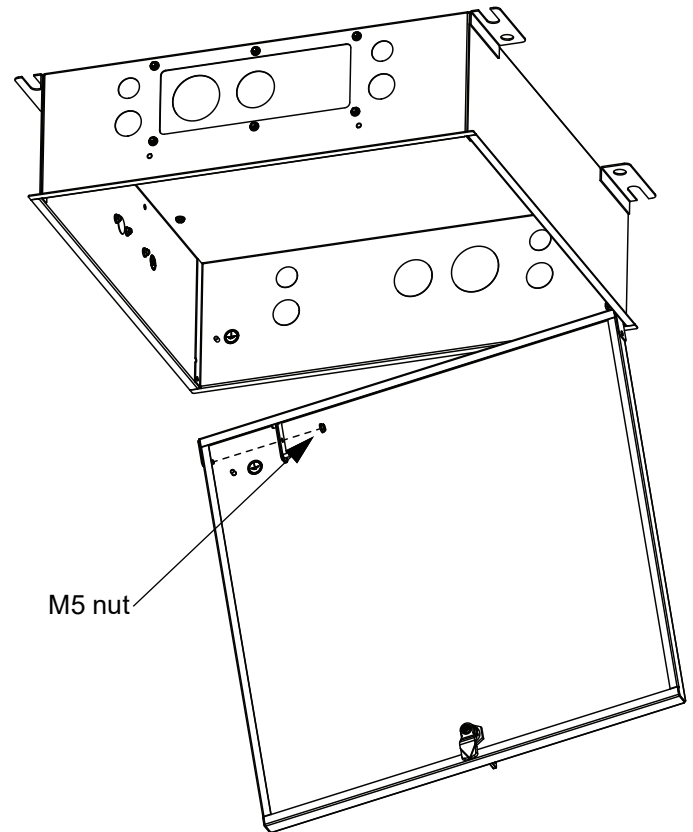
## Cable Routing Option 2

Remove gland plate and replace it with MSICECB Cool Boot air sealing grommet. Cool Boot shall insert from the inside of the enclosure. Route the cabling bundle through the fabric sleeve. Pull the hook and loop cinch tie tight around the cable bundle. Wrap cinch tie around the cable bundle and attach it to itself. **Note:** enclosure ingress protection ratings are not applicable when using Cool Boot.



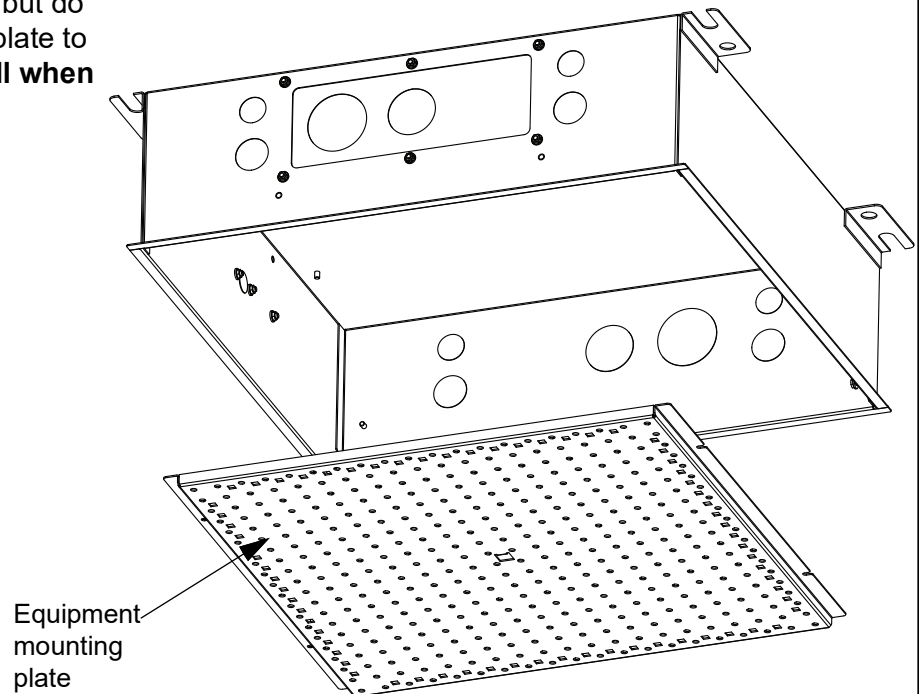
## Door Removal (Optional)

The door may be removed to facilitate installation of equipment. Completely remove one hinge by removing the M5 nut. Tilt the door to release. **Caution: Door may fall when hinge is removed.**



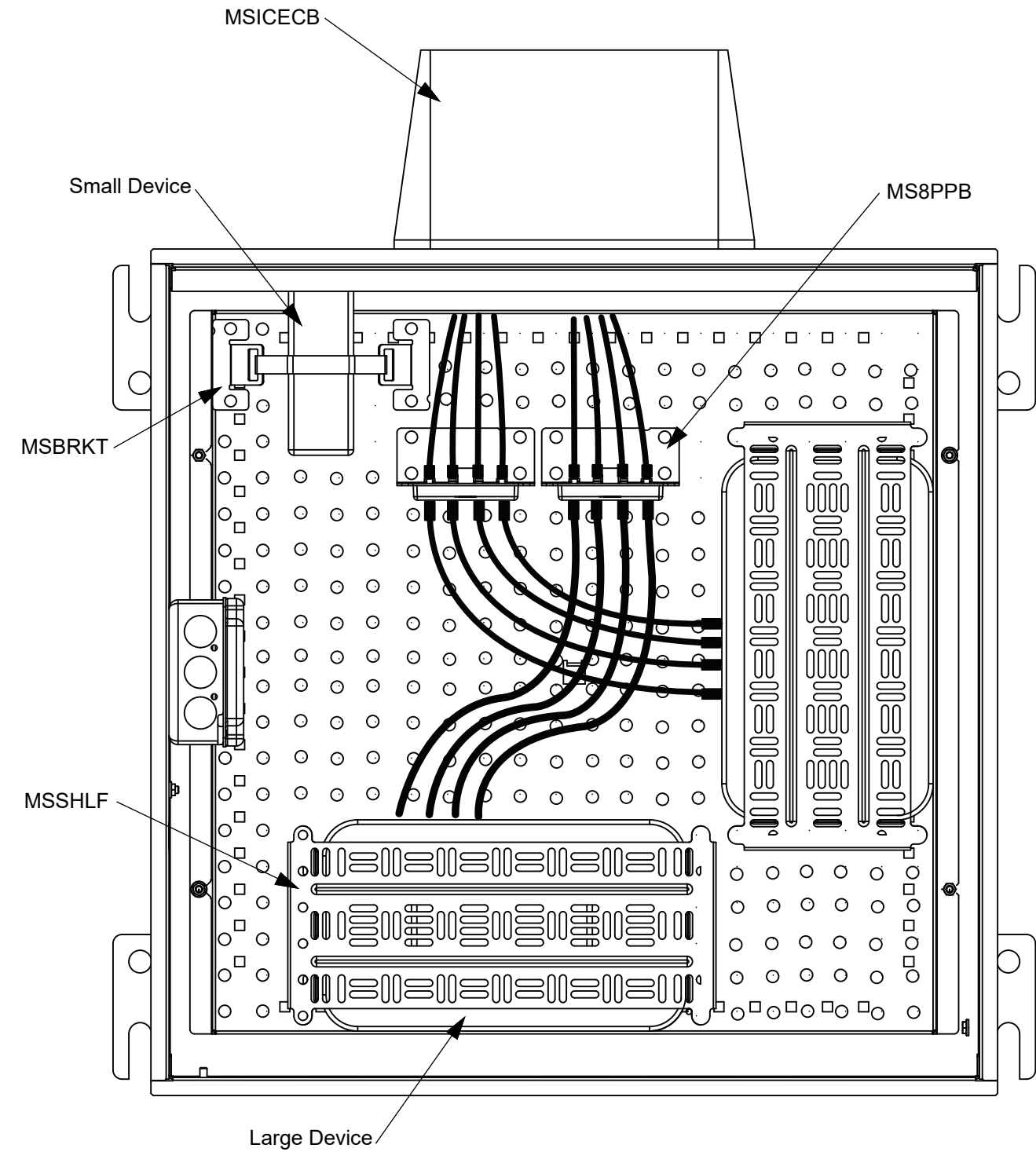
## Mounting Plate Removal (Optional)

The equipment mounting plate may be removed to facilitate installation of equipment. Loosen, but do not remove the four (4) M5 nuts. Slide the plate to the side to release. **Caution: Plate may fall when nuts are loosened.**



Accessories

Electronic Device Installation



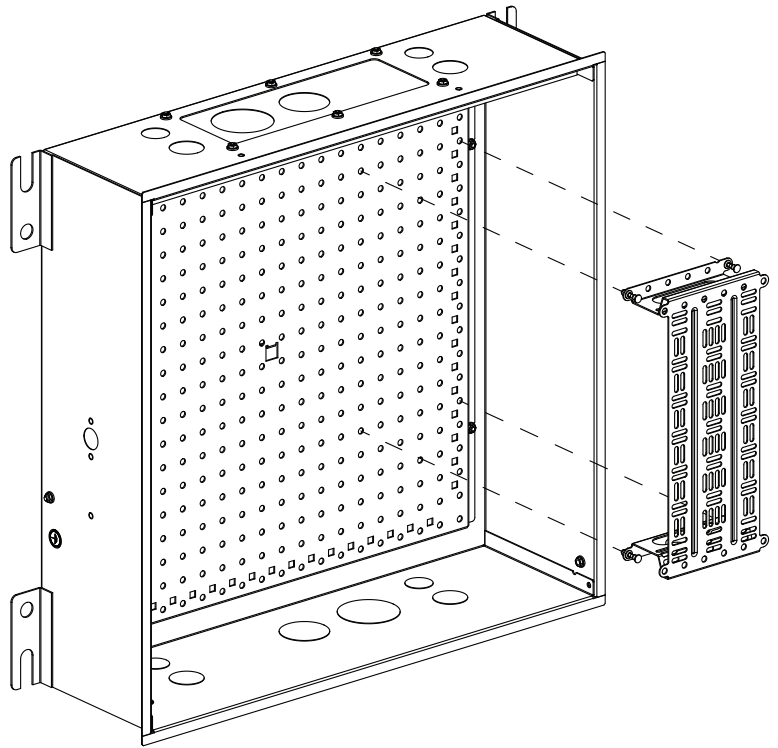


## Accessories (Cont.)

### MSSHLF Installation

1. Pull plunger before installation. Depress plungers to lock in plate.

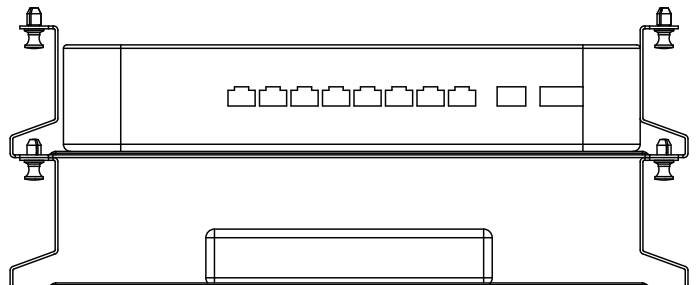
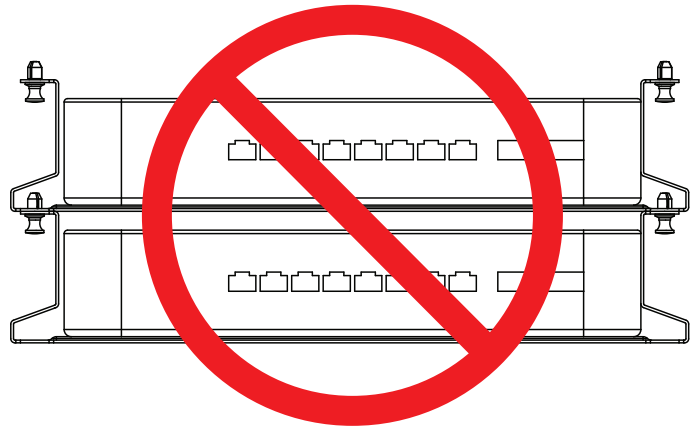
Note: Add additional grommets and plungers (included with MSSHLF) where necessary.



### MSSHLF Stacking (Optional)

MSSHLF may be stacked to increase the capacity of the enclosure.

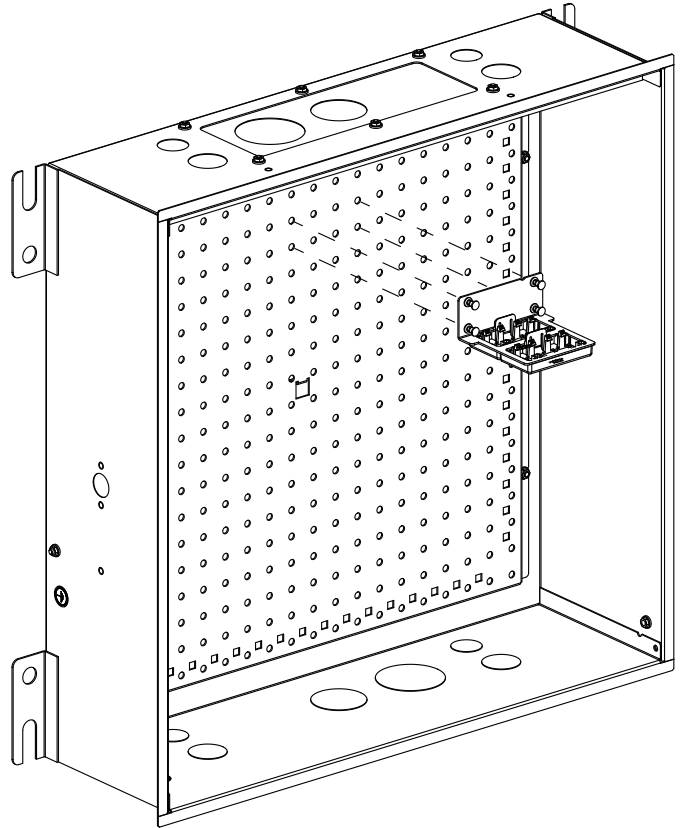
**WARNING: Do not stack high heat generating devices such as POE switches or ONT's.**



## Accessories (Cont.)

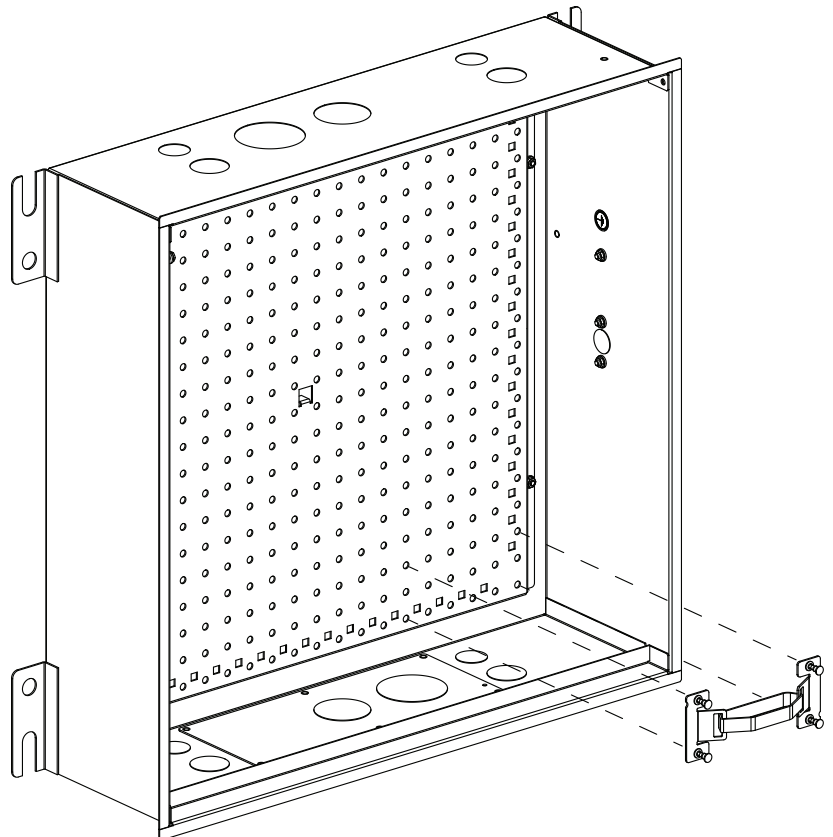
### NKMS8PPB/MS8PPB Installation

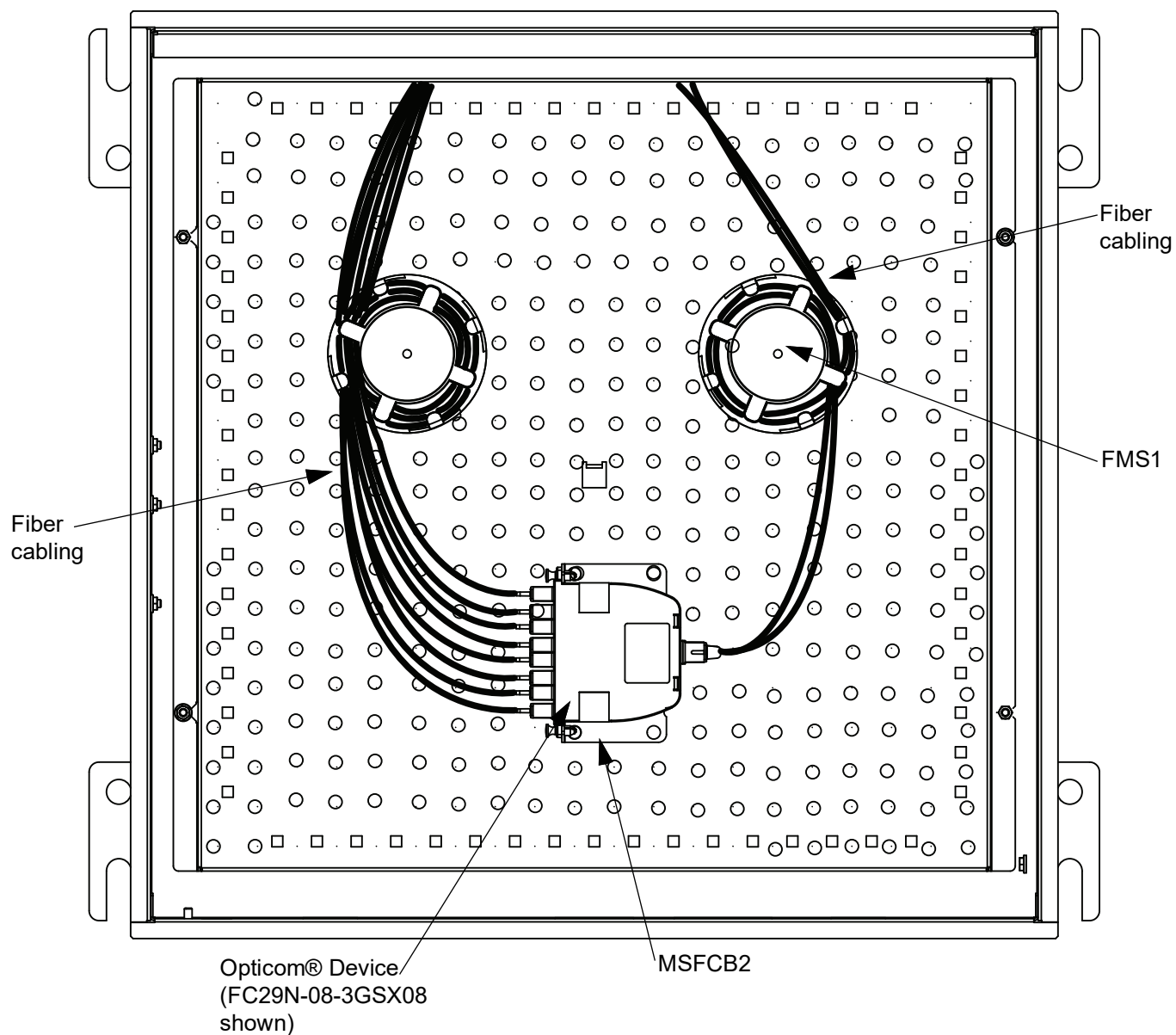
1. Pull plunger before installation. Depress plungers to lock in place.
2. Mini-Com® face plates may be rotated if required.



### MSBRKT Installation

1. Pull plunger before installation. Depress plungers to lock in place.

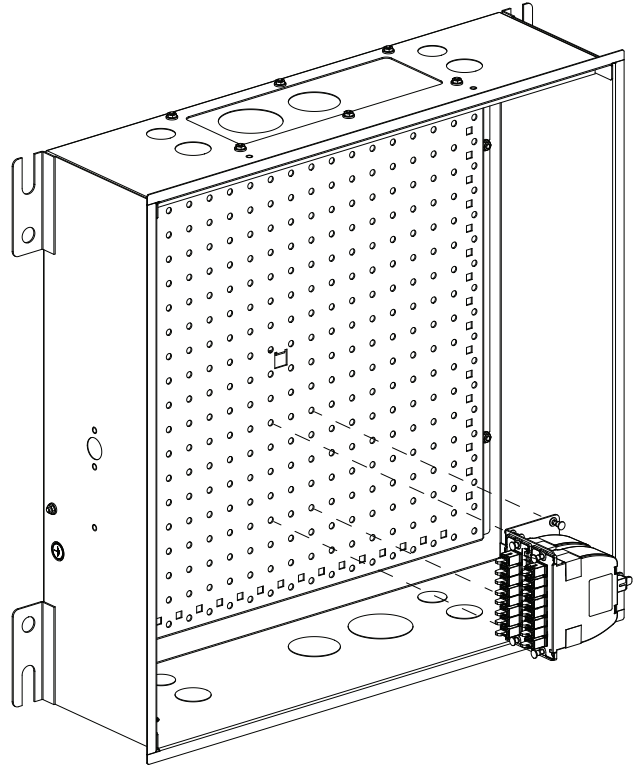


**Accessories (Cont.)****Opticom® Device Installation**

## Accessories (Cont.)

### MSFCB2 Installation

1. Pull plunger before installation. Depress plungers to lock in place.



### FMS1 Installation

1. Remove the adhesive back liner.
2. Press FMS1 to the desired location.

