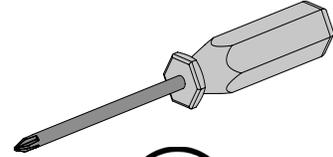


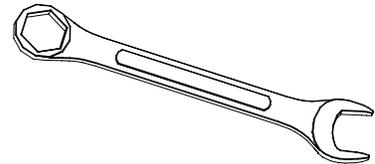
FDFVCM3045**
FlexCore™ 300mm
Vertical Cable Manager
*shown ganged to
FlexCore™ Optical
Distribution Frame*

Tool List

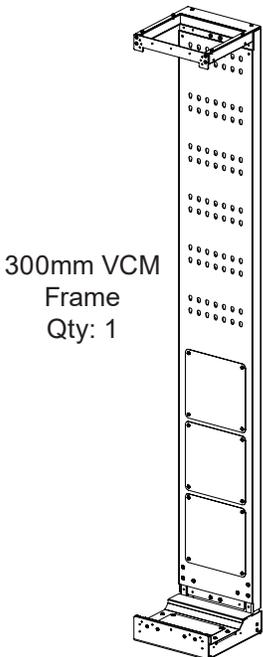
Phillips screwdriver



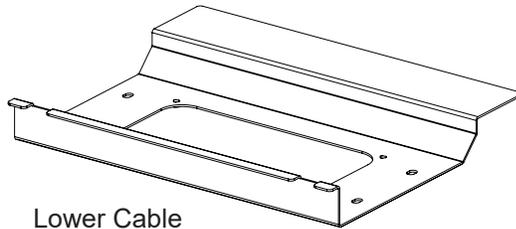
1" Open End Wrench



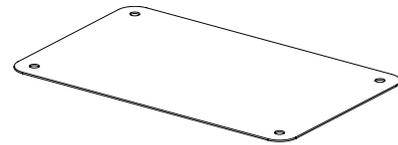
Components included



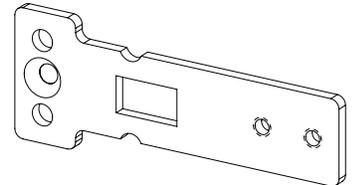
300mm VCM
Frame
Qty: 1



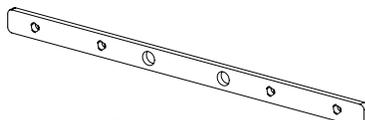
Lower Cable
Pathway
Qty: 1



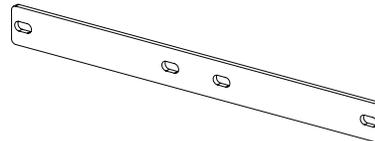
Lower Pathway
Access Cover
Qty: 1



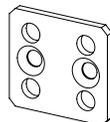
Halo Ganging Bracket
Qty: 2



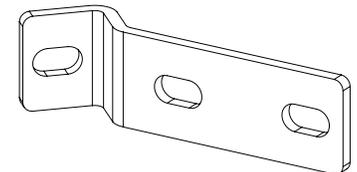
Base Ganging Bracket
Qty: 2



Rear Ganging Bracket
Qty: 2

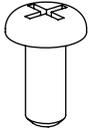


VCM Ganging Bracket
Qty: 1



Offset Attachment Bracket
Qty: 4

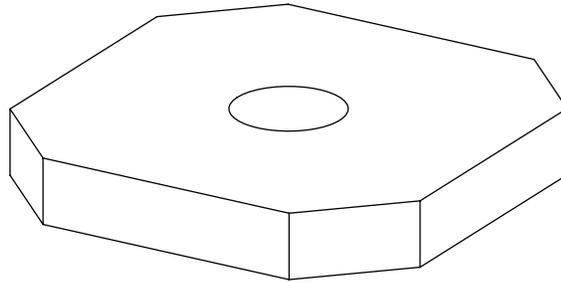
Hardware included



#12-24 x 1/2
Pan Head screw
Qty: 24



#12 Tooth Lockwasher
Qty: 24



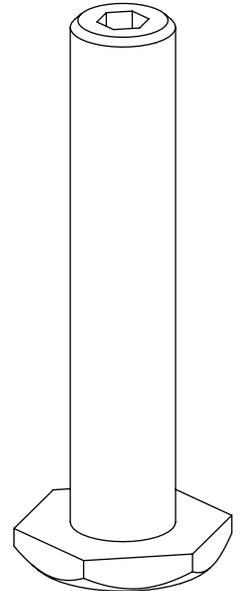
Seismic Washer
Qty: 1



#12-24 x 1/2
Flat Head screw
Qty: 8



Grommet Edging
Qty: 20 feet



Leveling Leg
Qty: 1



WARNING

Vertical Cable Manager Tipping Hazard

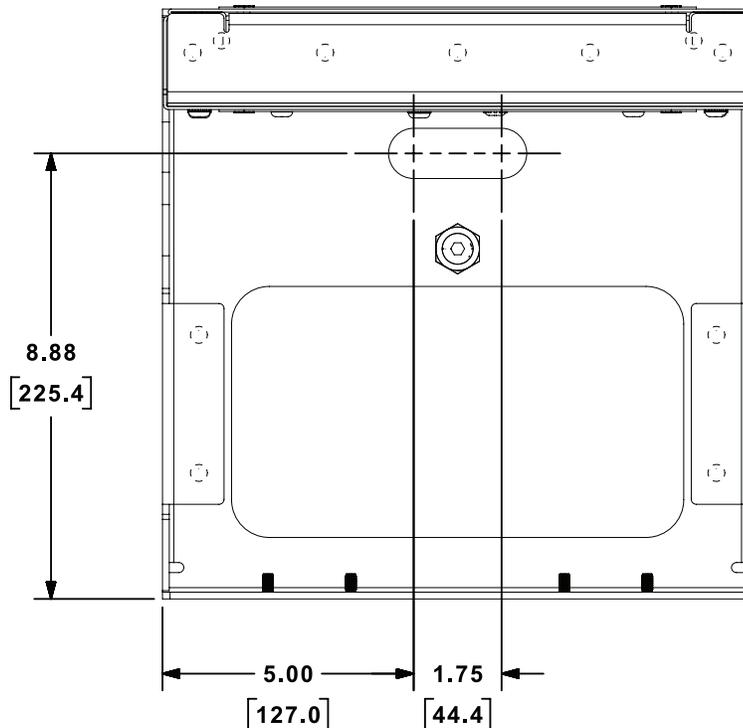
Mount the Vertical Cable Manager to floor and/or gang it to a previously floor mounted frame or second Vertical Cable Manager before installing equipment in the Vertical Cable Manager .

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN LEAD TO SERIOUS INJURY, DEATH, OR DAMAGE TO YOUR EQUIPMENT.

Floor Mounting - Seismic Zone 3 Applications

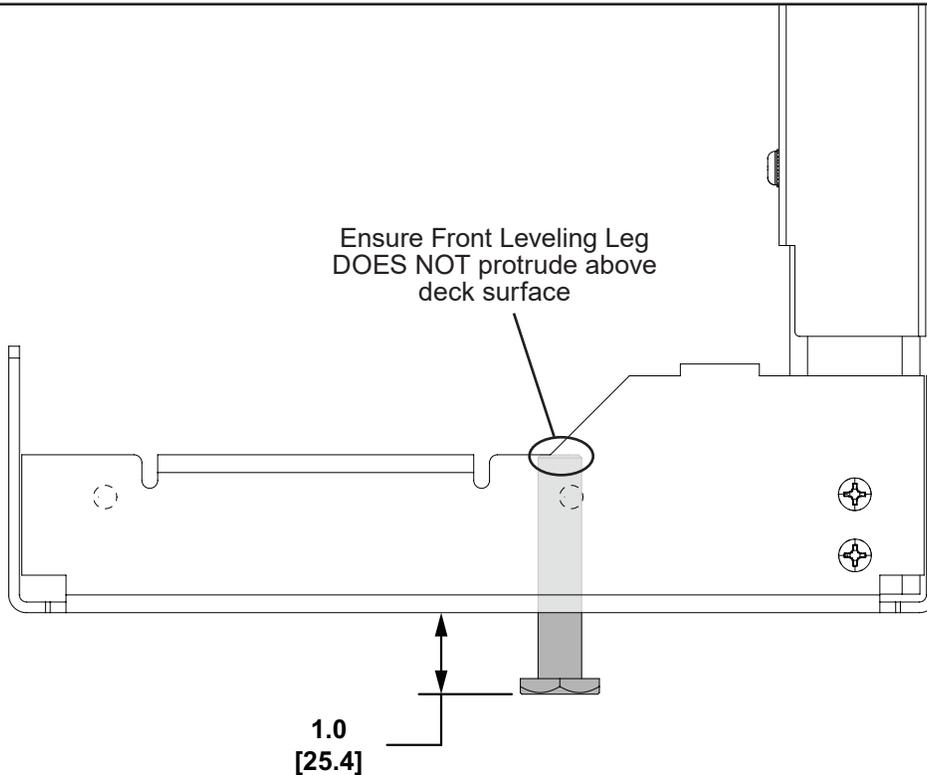
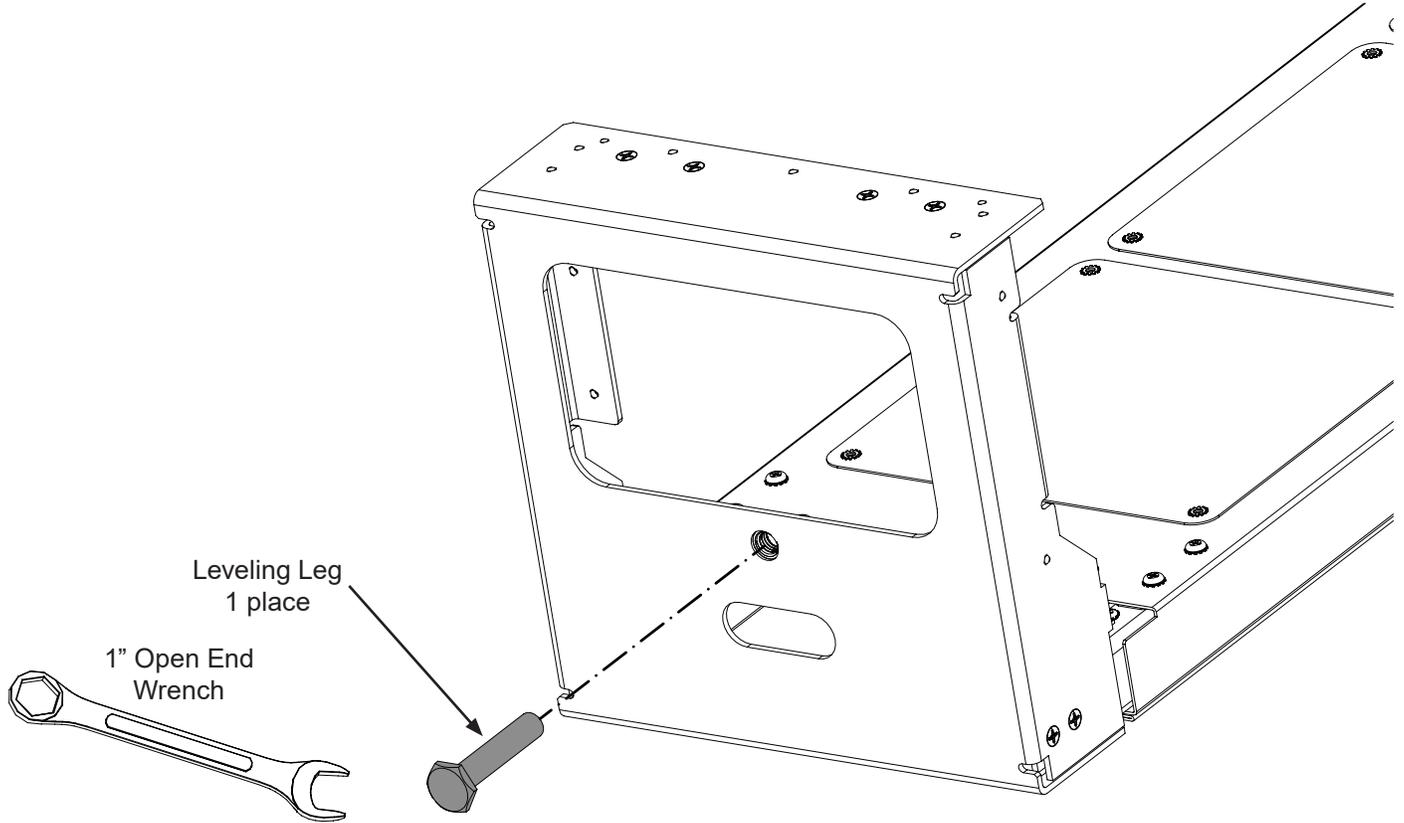
- See Floor Mounting View below for floor mounting dimensions
- If floor is level, attach the anchors to the floor with appropriate hardware for your type of floor

Note: If floor is not level, shims may be required to level the Vertical Cable Manager (shims not provided)



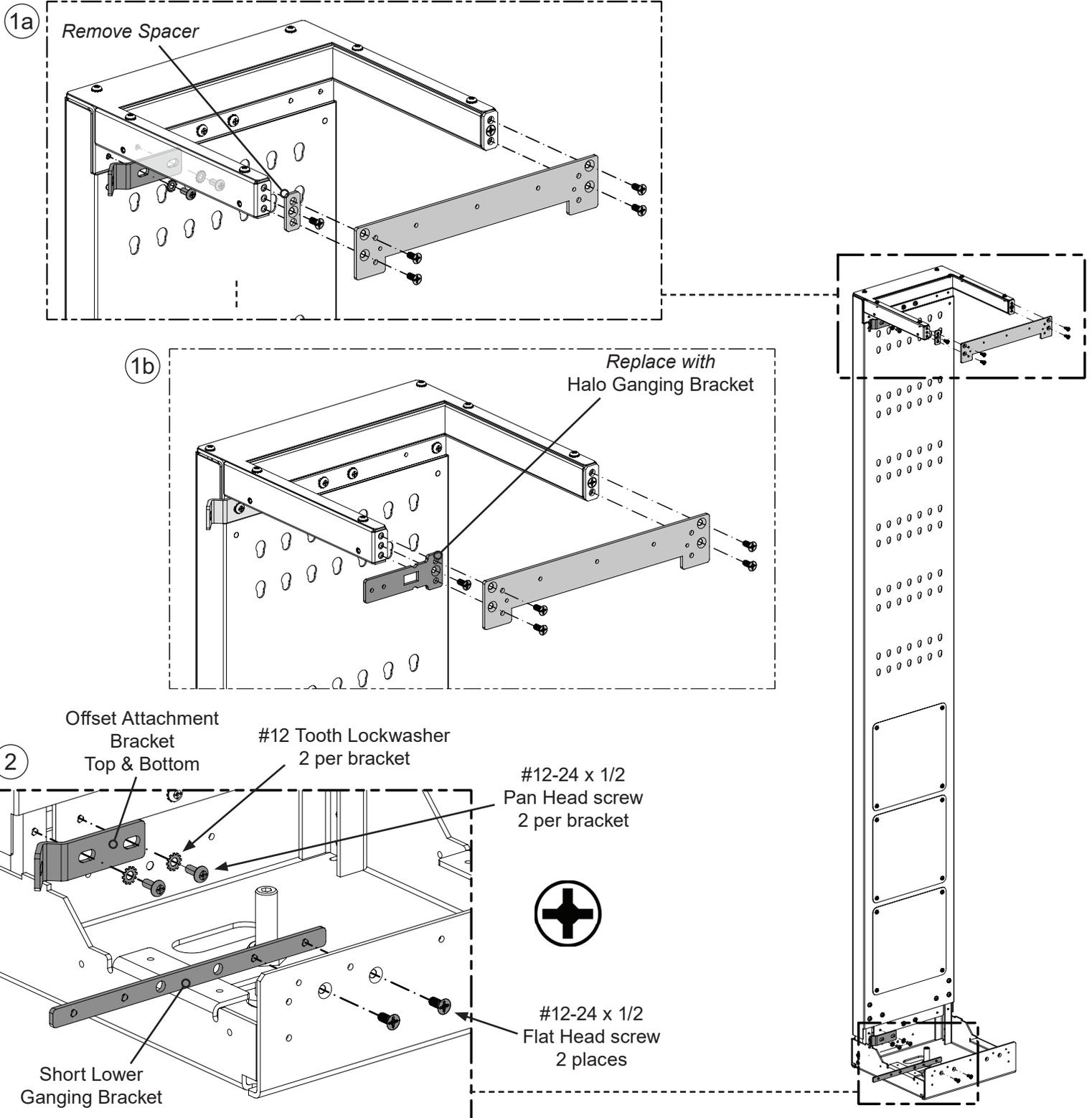
Floor Mounting - Unlevel Floor (not recommended for seismic zones)

- Mount (1) Leveling Leg to the bottom of Vertical Cable Manager as shown
- Ensure the Leveling Leg does not protrude above the deck of the Vertical Cable Manager as shown
- Leg should be extended at least 1.0"



Ganging Vertical Cable Manager to Frame

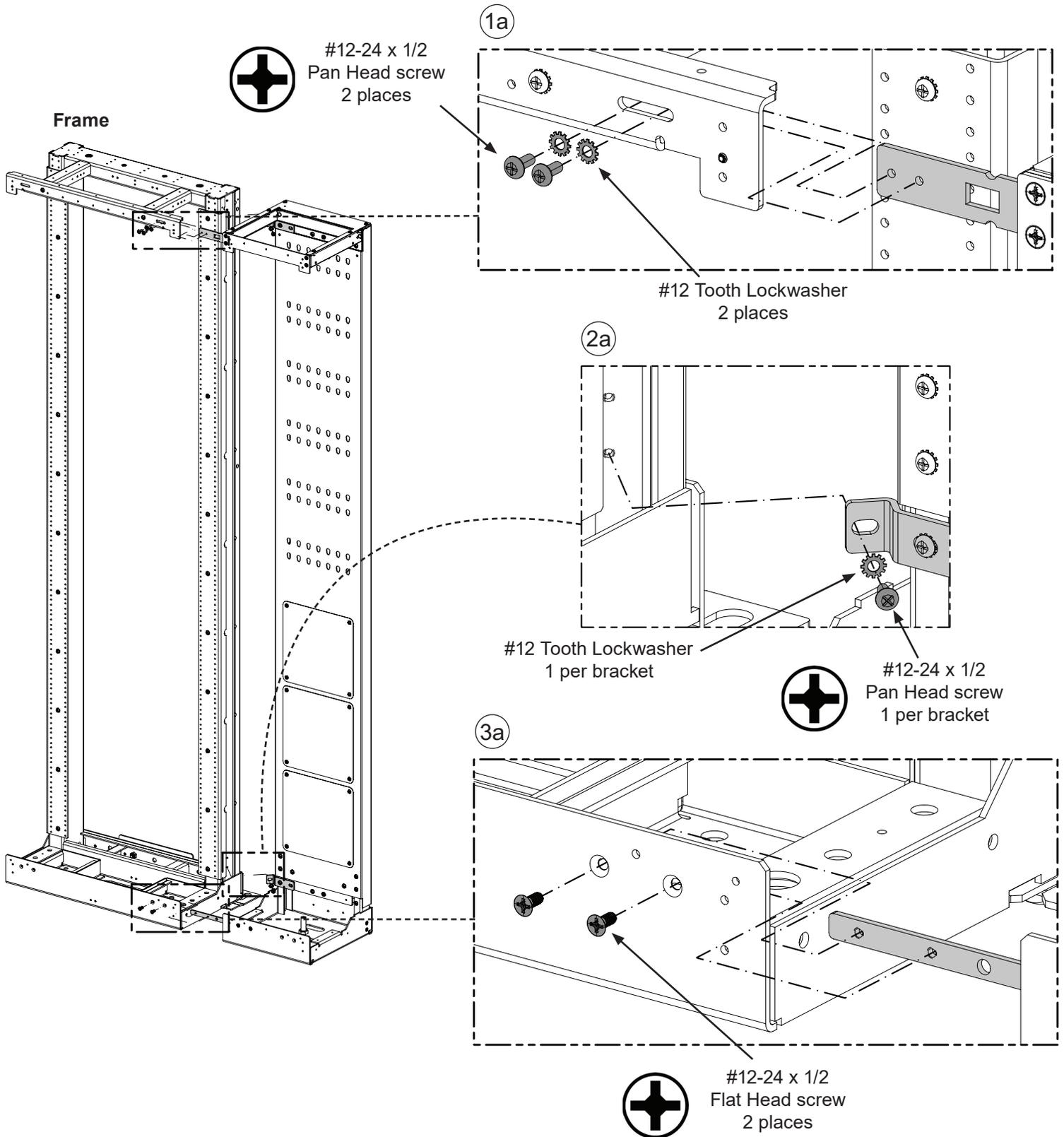
- Temporarily remove front plate of Halo to access and remove the spacer (Figure 1a)
- On sides that are being ganged to Frame, replace the spacer with Halo Ganging Bracket and re-assemble (Figure 1b)
- Install Offset Attachment Brackets to sides that are being ganged to Frame (Figure 2)
- Install Short Lower Ganging Brackets to sides that are being ganged to Frame (Figure 2)



For Technical Support: www.panduit.com/resources/install_maintain.asp

Ganging Vertical Cable Manager to Frame - continued

- Slide Vertical Cable Manager into the Frame, aligning various ganging brackets to their mating holes on Frame
- Attach & tighten hardware to complete ganging



Ganging Vertical Cable Manager to Frame - continued

- Tighten all hardware to complete ganging



DANGER

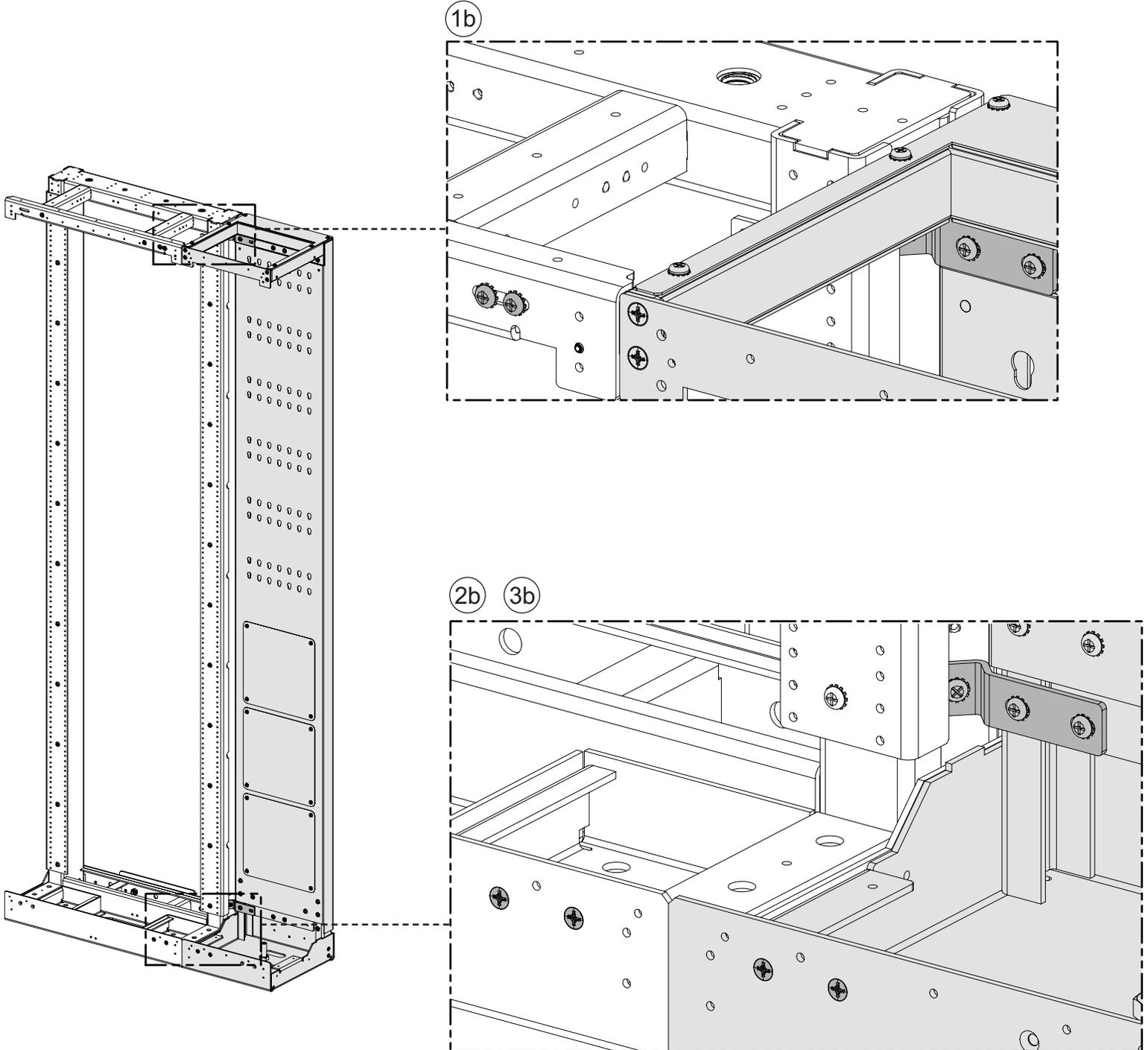
Electrical Shock Hazard

Each Vertical cable Manager must be connected to the Common Bonding Network (CBN).

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN LEAD TO SERIOUS INJURY, DEATH, OR DAMAGE TO YOUR EQUIPMENT.

Grounding

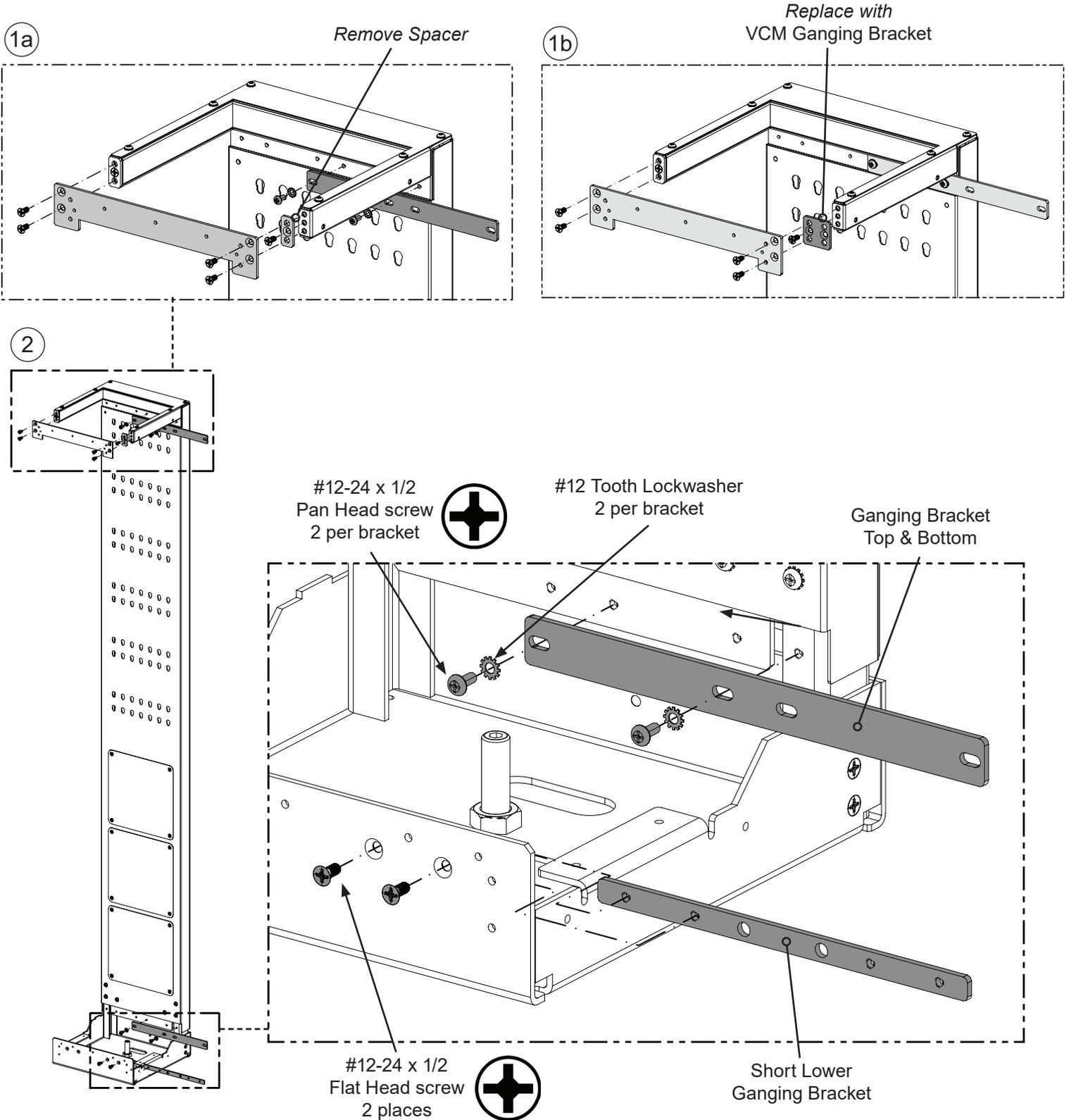
- The Vertical Cable Manager only becomes grounded when ganged to the FlexCore™ Frame that has previously been properly bonded to the Common Bonding Network (CBN) per FlexCore™ Optical Distribution Frame Instructions FS190.



For Technical Support: www.panduit.com/resources/install_maintain.asp

Ganging Vertical Cable Manager to a 2nd Vertical Cable Manager

- Temporarily remove front plate of Halo to access and remove the spacer (Figure 1a)
- On sides that are being ganged to 2nd Vertical Cable Manager, replace the spacer with VCM Ganging Bracket and re-assemble (Figure 1b)
- Install Ganging Brackets to sides that are being ganged to the 2nd Vertical Cable Manager (Figure 2)
- Install Short Lower Ganging Brackets to sides that are being ganged to 2nd Vertical Cable Manager (Figure 2)

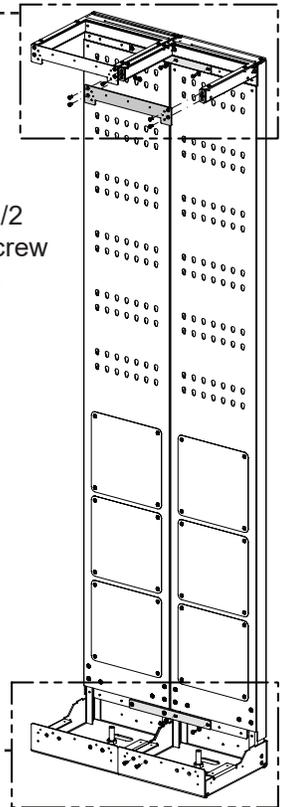
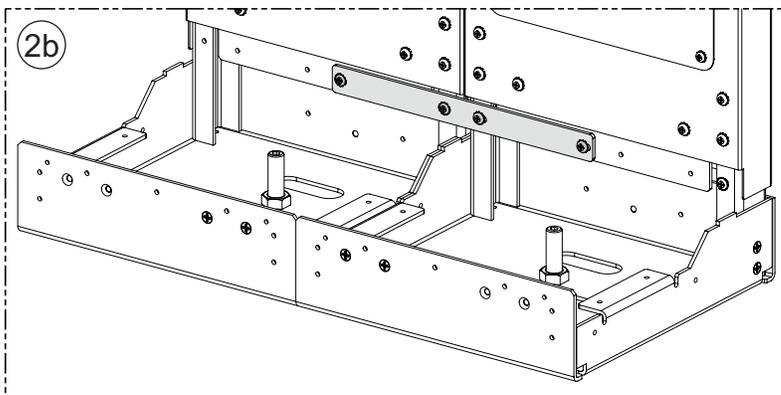
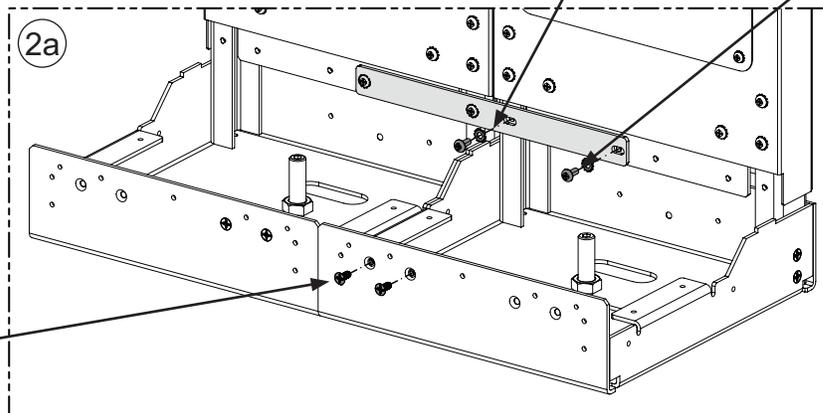
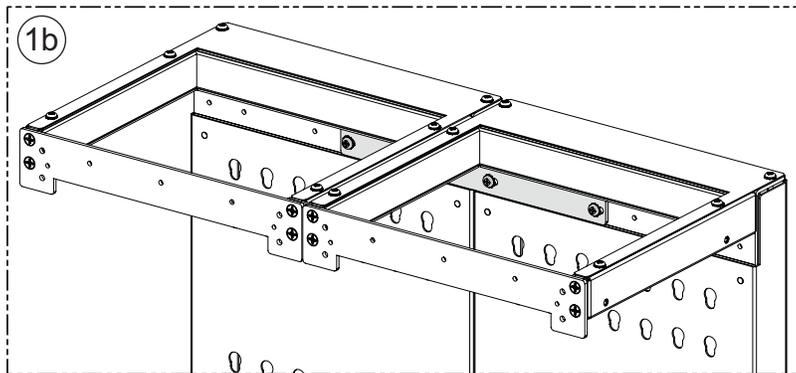
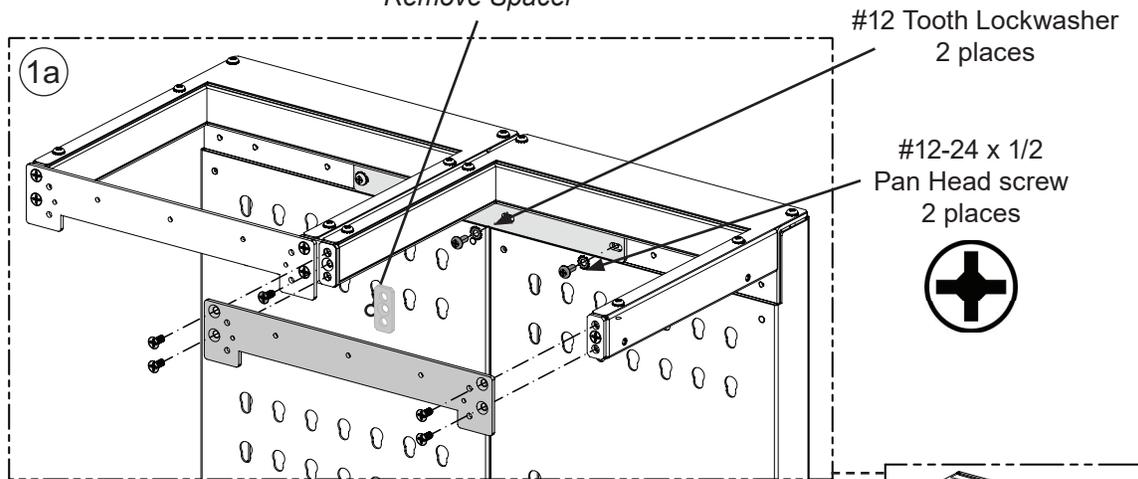


For Technical Support: www.panduit.com/resources/install_maintain.asp

Ganging Vertical Cable Manager to a 2nd Vertical Cable Manager - continued

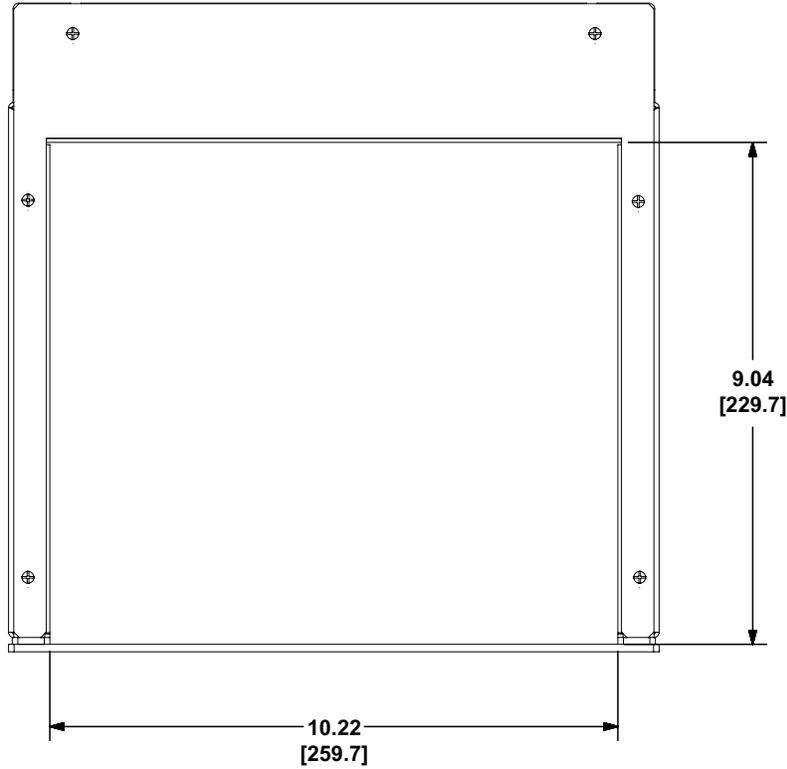
- Temporarily remove front plate of Halo to access and remove the spacer on the 2nd Vertical Cable Manager
- Install & tighten hardware

Remove Spacer

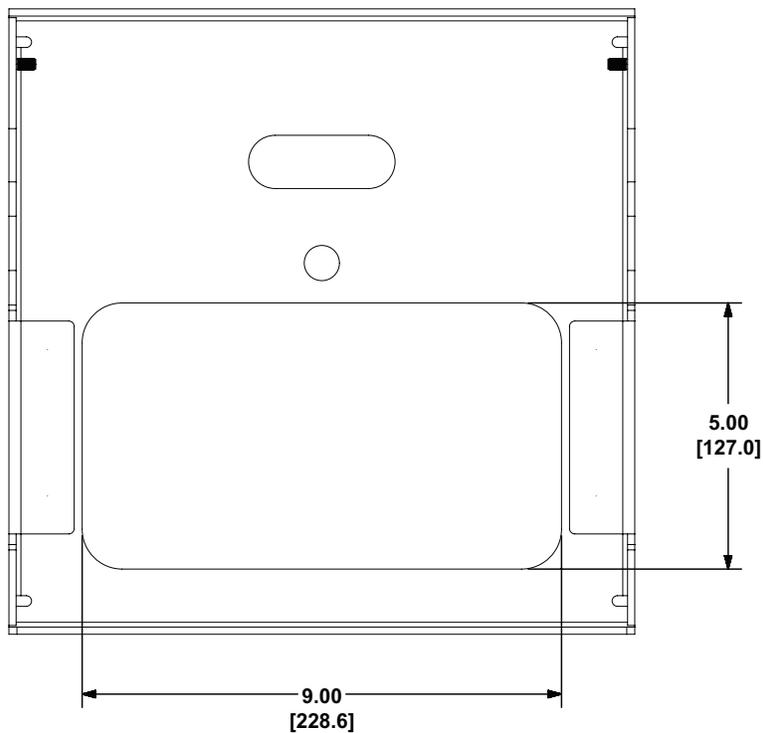


Cable Opening Sizes in Vertical Cable Manager

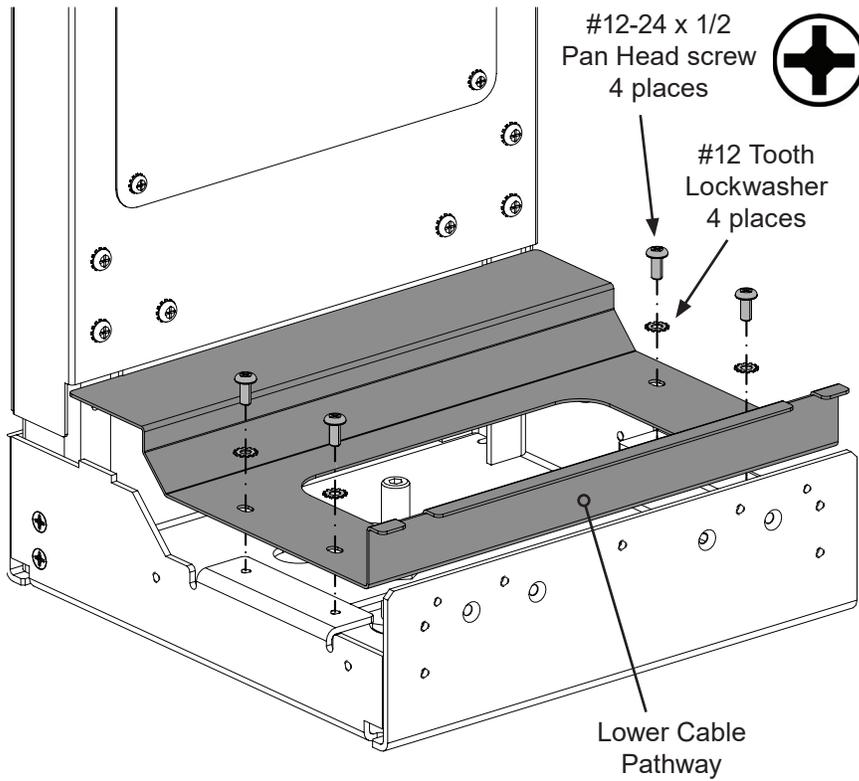
Top of Vertical Cable Manager - Overhead Incoming Cable Area



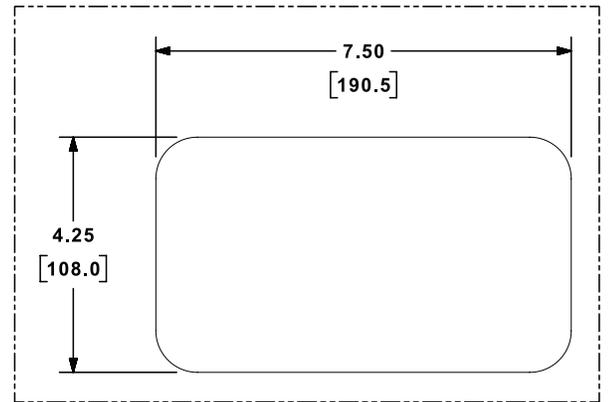
Bottom of Vertical Cable Manager - Floor Incoming Cable Open Area



Attach Lower Cable Pathway



Cable Pathway Opening



OPTIONAL - Attach Lower Pathway Access Cover

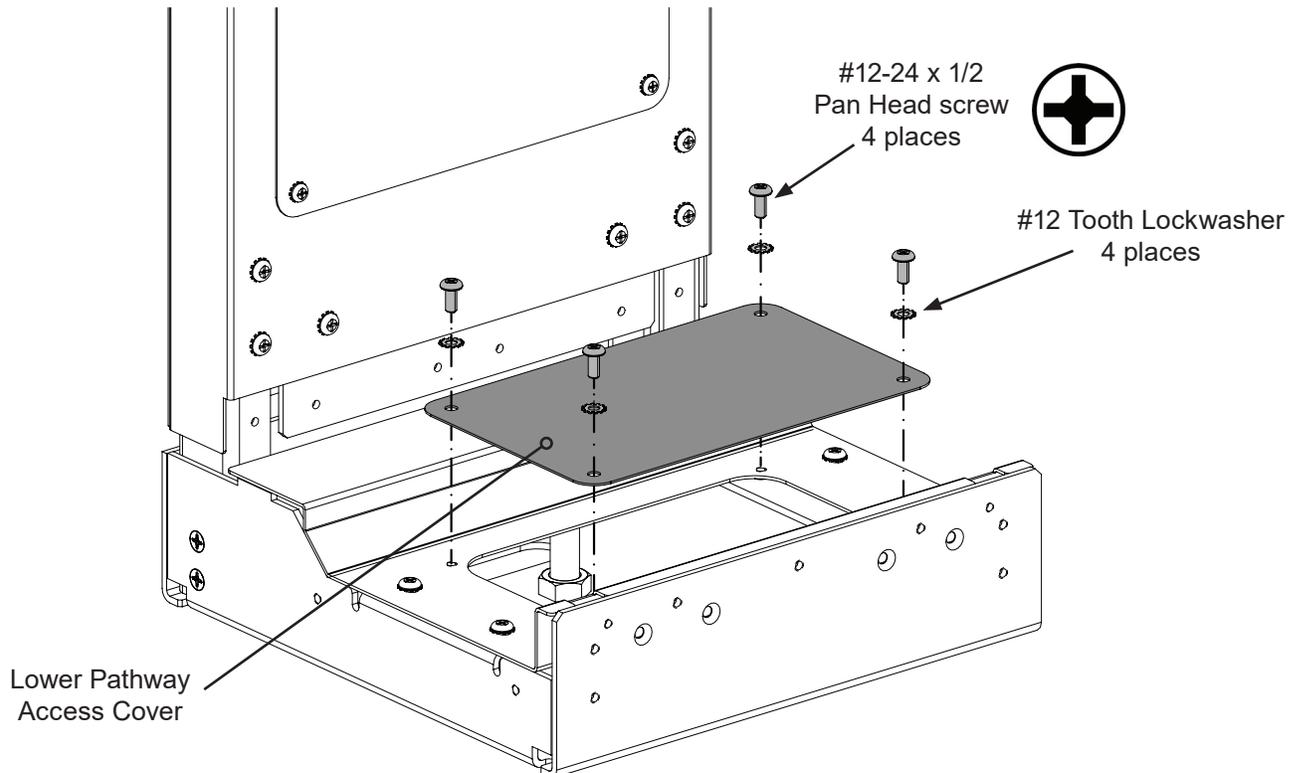
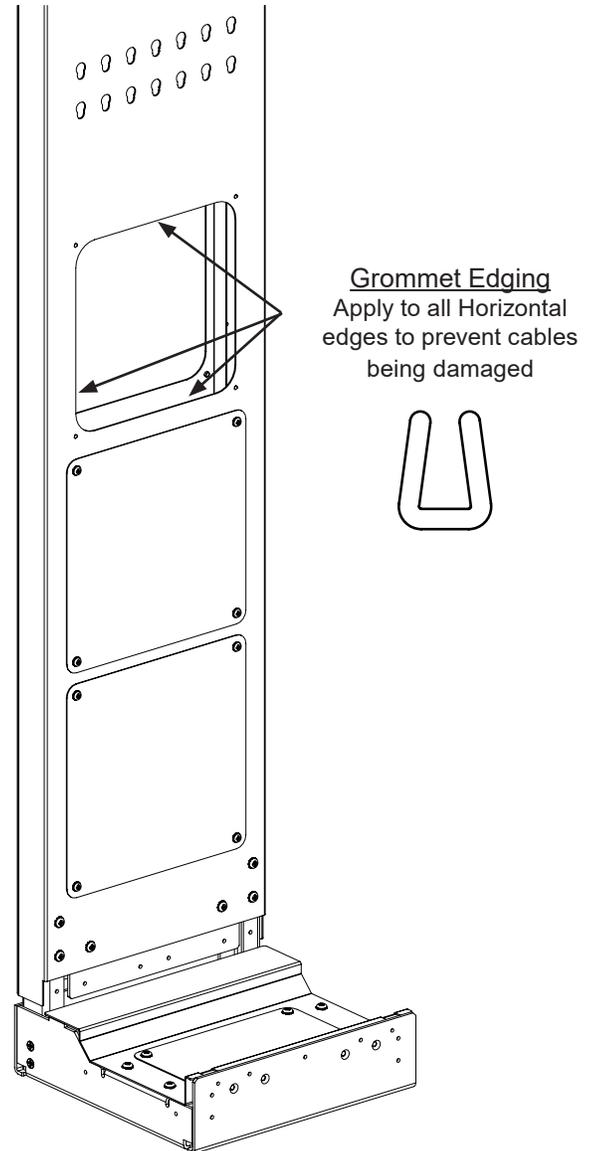
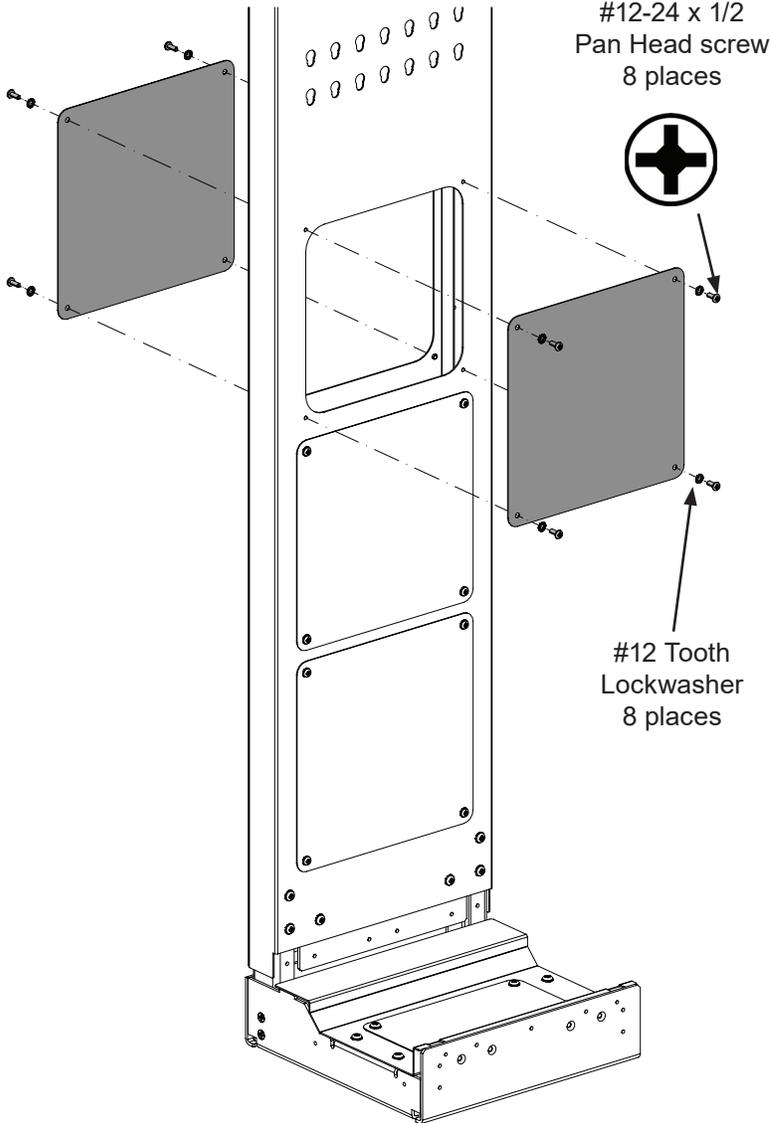
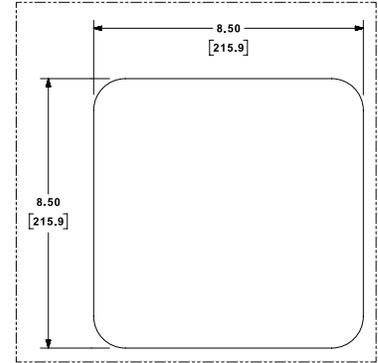


Plate Removal for Rear Access

- Up to 3 openings can be utilized to access back of the Vertical Cable Manager
- Install Grommet Edging to protect cables
- See Installation Instructions FS204 for further information on cabling and configuration options

Cable Opening - 3 places



**FS204
FlexCore™ Front-Access Patchcord Routing Guide
Installation Instructions**

**See for more detailed information on cable routing & different configuration options*

FlexCore™ System Installation Instructions

Installation Instruction Number	Panduit Part Number	Description
FS187	FOBKF**(Y/A)M1	Fiber Breakout Kit, Flat Ribbon Furcation Tube
FS190	FDF45**	FlexCore™ Optical Distribution Frame
FS191	FDVCM1545**	FlexCore™ 150mm Vertical Cable Manager
FS192	FDVCM3045**	FlexCore™ 300mm Vertical Cable Manager
FS193	FDUFD**45*X**	FlexCore™ Single Hinge Front Doors
FS194	FDFEP45**	FlexCore™ End Panels
FS198	FDUSP	FlexCore™ Fiber Spool
FS199	FDUSP6	FlexCore™ Fiber Spool 6-pack Color Coordinated Kit
FS200	FDS**-24-***	FlexCore™ Fusion Splice Cassette - Cable to LC Adapter
FS201	FDSN-24	FlexCore™ Fusion Splice Cassette - Cable to Cable
FS203	FDFUE4**	FlexCore™ 4RU Universal Enclosure
FS204	N/A	FlexCore™ Front Access Optical Distribution Frame Patchcord Routing Guide
FS205	FDFRC45**	FlexCore™ Frame Rear Panel
FS206	N/A	FlexCore™ Front Access Ingress/Egress Cabling Guide

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp

PANDUIT

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Phone:
866-405-6654