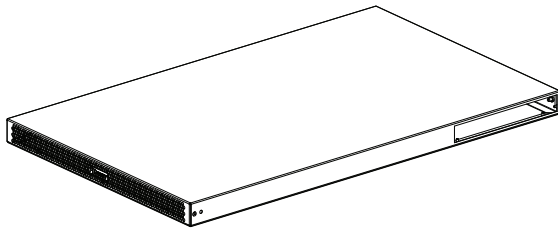


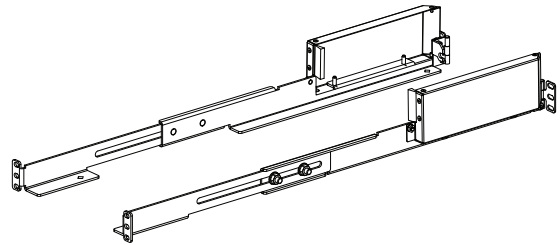
TOOL LIST

- #2 Phillips Screwdriver
- #3 Phillips Screwdriver
- 5/16" Socket Wrench
- 1/2" Socket Wrench

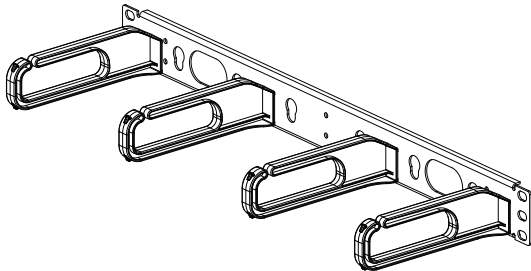
CDE1 Component Guide



Inlet Ducting (1)



Side Ducts with Support Rails (2)



**D-ring Cable Manager
[CMPHHF1] (1)**

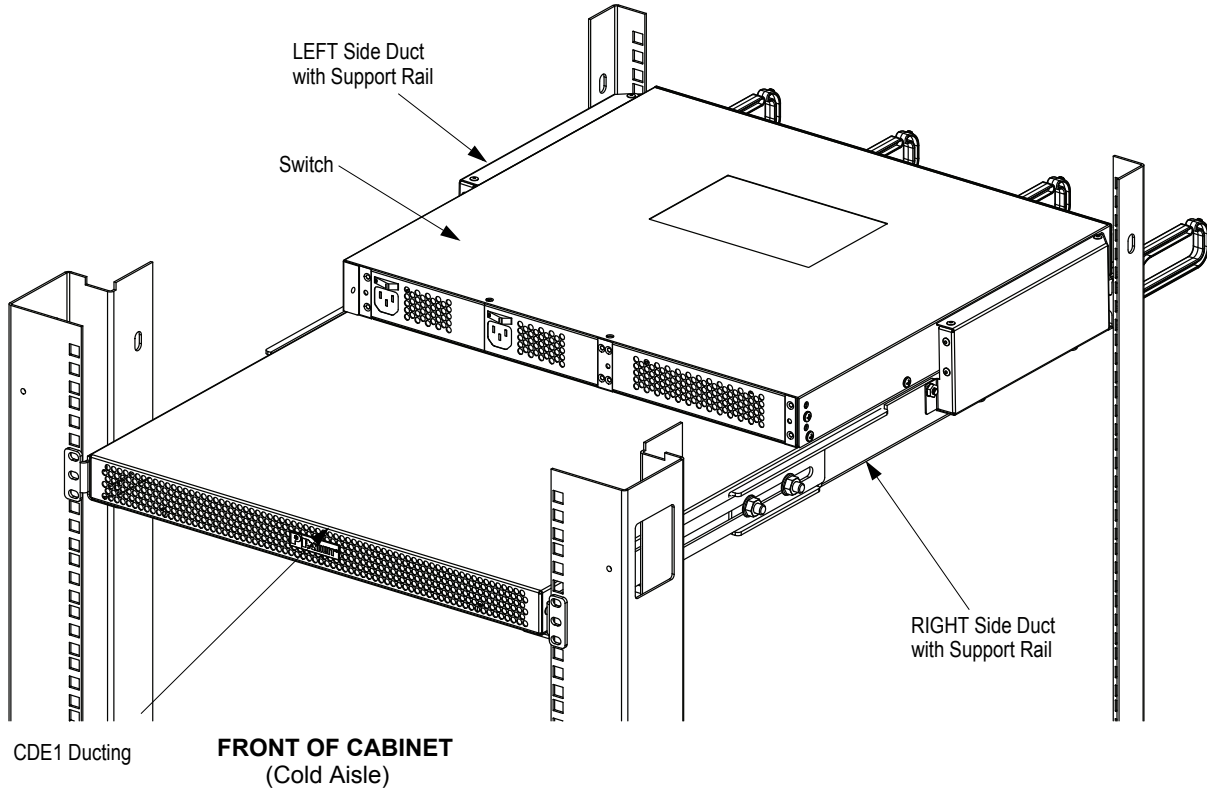
**Hardware Kit (1)
(not shown)**

Thermal Ducting Installation Preparation

Locate Thermal Ducting

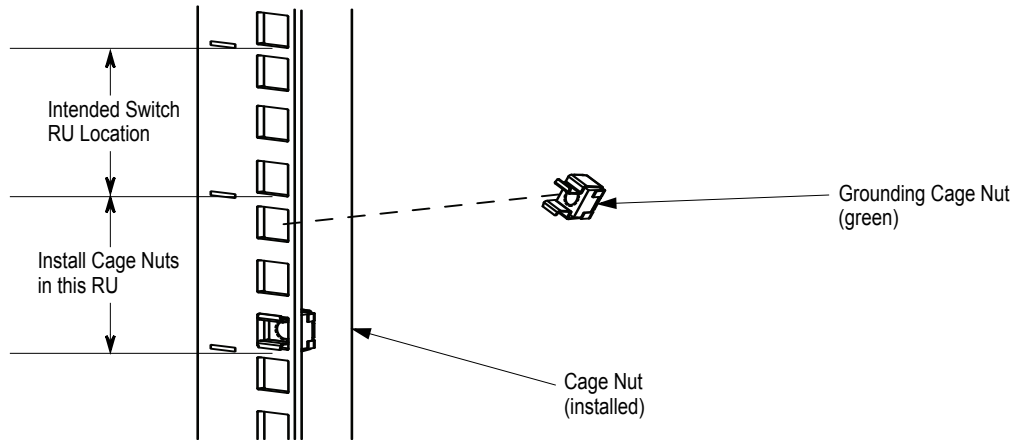
With switch location determined and oriented at rear of cabinet, prepare to install CDE1 thermal ducting in the rack space directly below the switch.

NOTE: Panduit recommends the use of mounting brackets on port side of switch only.



Install Cage Nuts

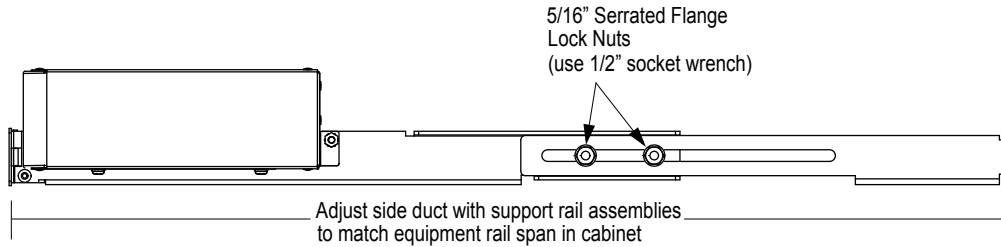
Insert cage nuts for thermal ducting mounting in cabinet equipment rails (1) rack space below switch. Install (2) cage nuts per rail for thermal ducting mounting. (1) grounding cage nut (green) **must be** installed in each equipment rail.



Day 1 - Side-mounted Transitional Ducting Installation

Adjust Side Duct with Support Rail Assemblies

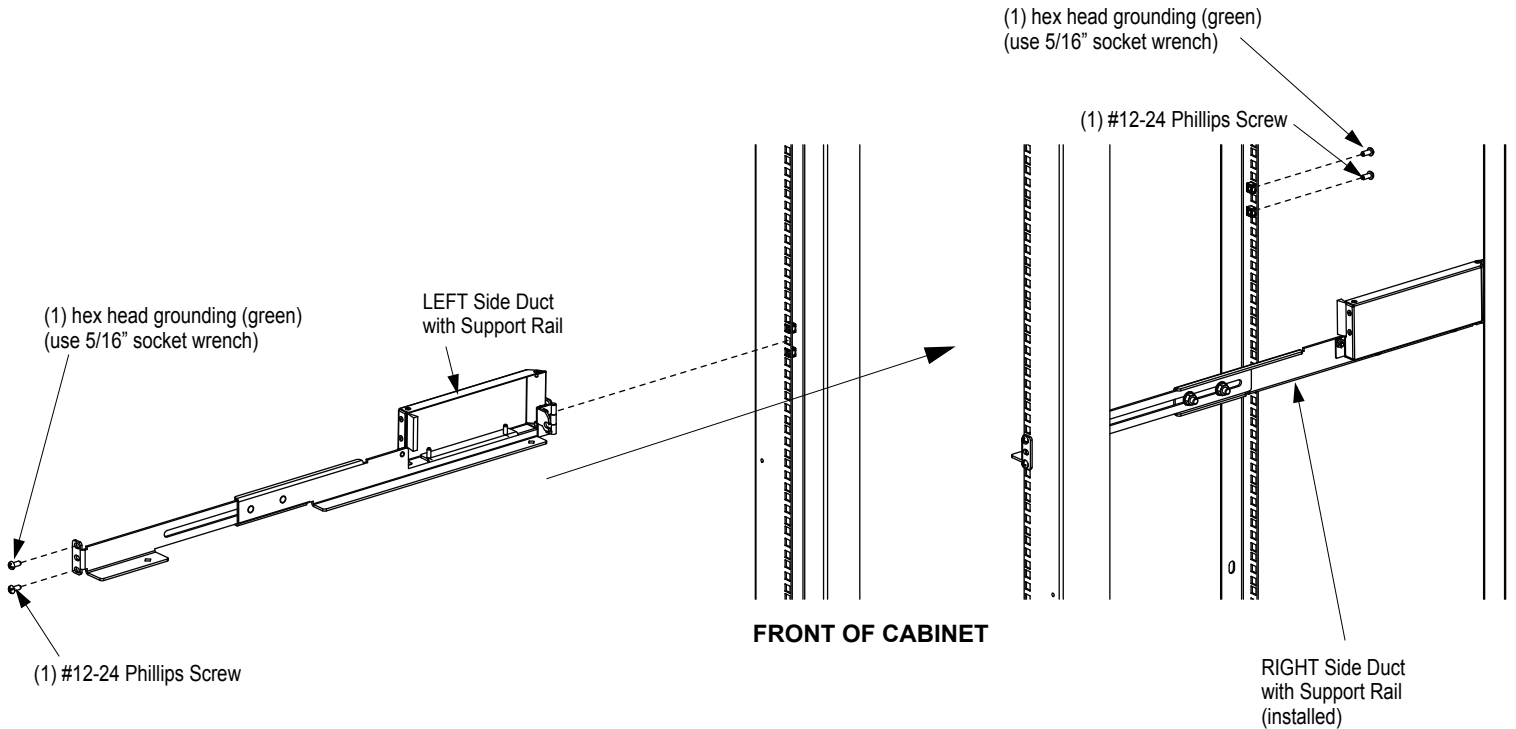
Adjust LEFT and RIGHT side duct with support rail assemblies to match cabinet equipment rail span. Loosen (2) 5/16" serrated flange lock nuts per assembly using 1/2" socket wrench. Retighten (2) 5/16" nuts per assembly to 12 ft.-lbs. torque so that the nuts scrape paint to allow for proper grounding.



NOTE: Front-to-back equipment rail depth must be set to between 27.0" and 29.0".

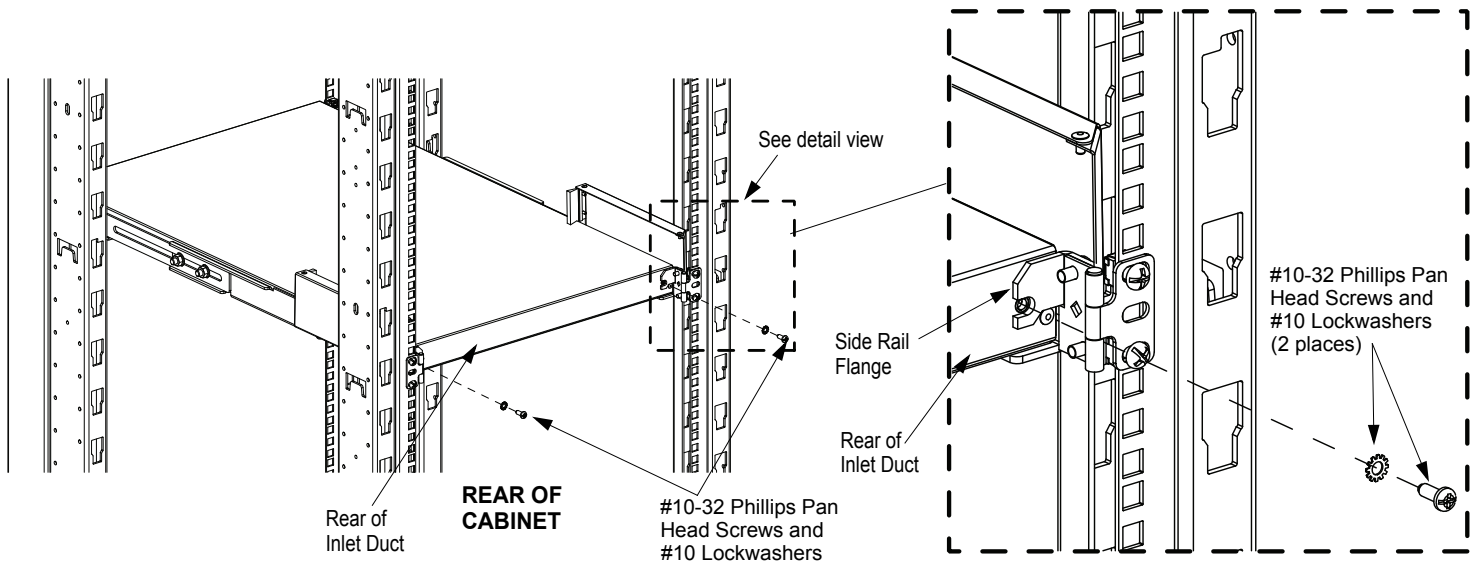
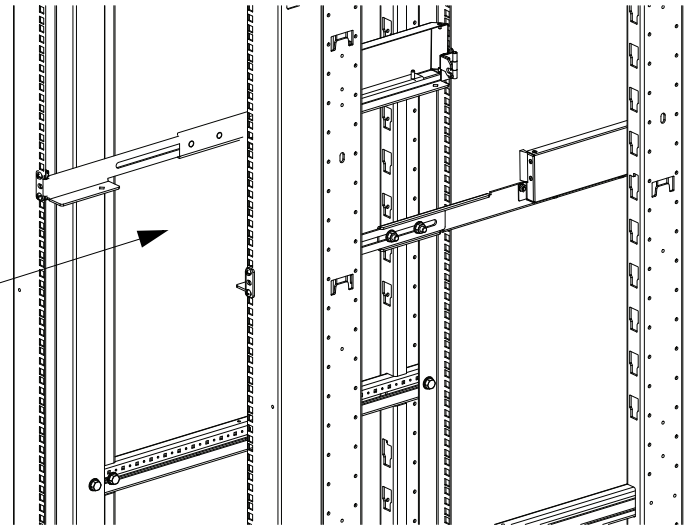
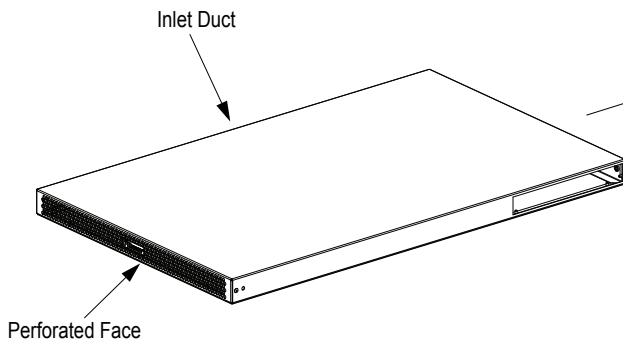
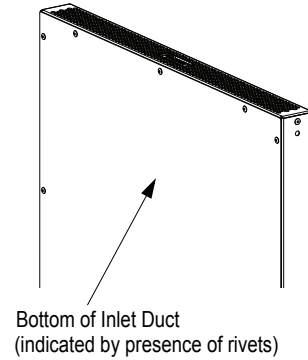
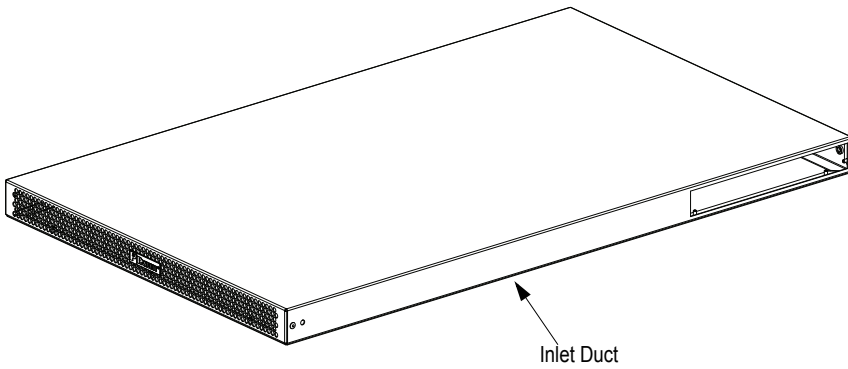
Install Side-mounted Transitional Ducting Assemblies

Install adjusted LEFT and RIGHT side ducts with support rail assemblies in cabinet in rack space directly below intended switch location. Attach each assembly to cabinet equipment rail with (1) #12-24 Phillips screw and (1) hex head grounding screw (green) using 5/16" socket wrench.



Inlet Duct Installation

Orient inlet duct with perforations facing front of cabinet. Slide inlet duct into position between LEFT and RIGHT side duct with support rail assemblies in rack space immediately below intended switch location. Slide inlet duct until rear of duct rests against side rail flanges. Attach rear of inlet duct to LEFT and RIGHT side duct assemblies at rear of cabinet with (2) #10-32 Phillips pan head screws and (2) #10 lockwashers. Tighten #10-32 screws to 35 in.-lbs. so that the lockwashers scrape paint to allow for proper grounding.



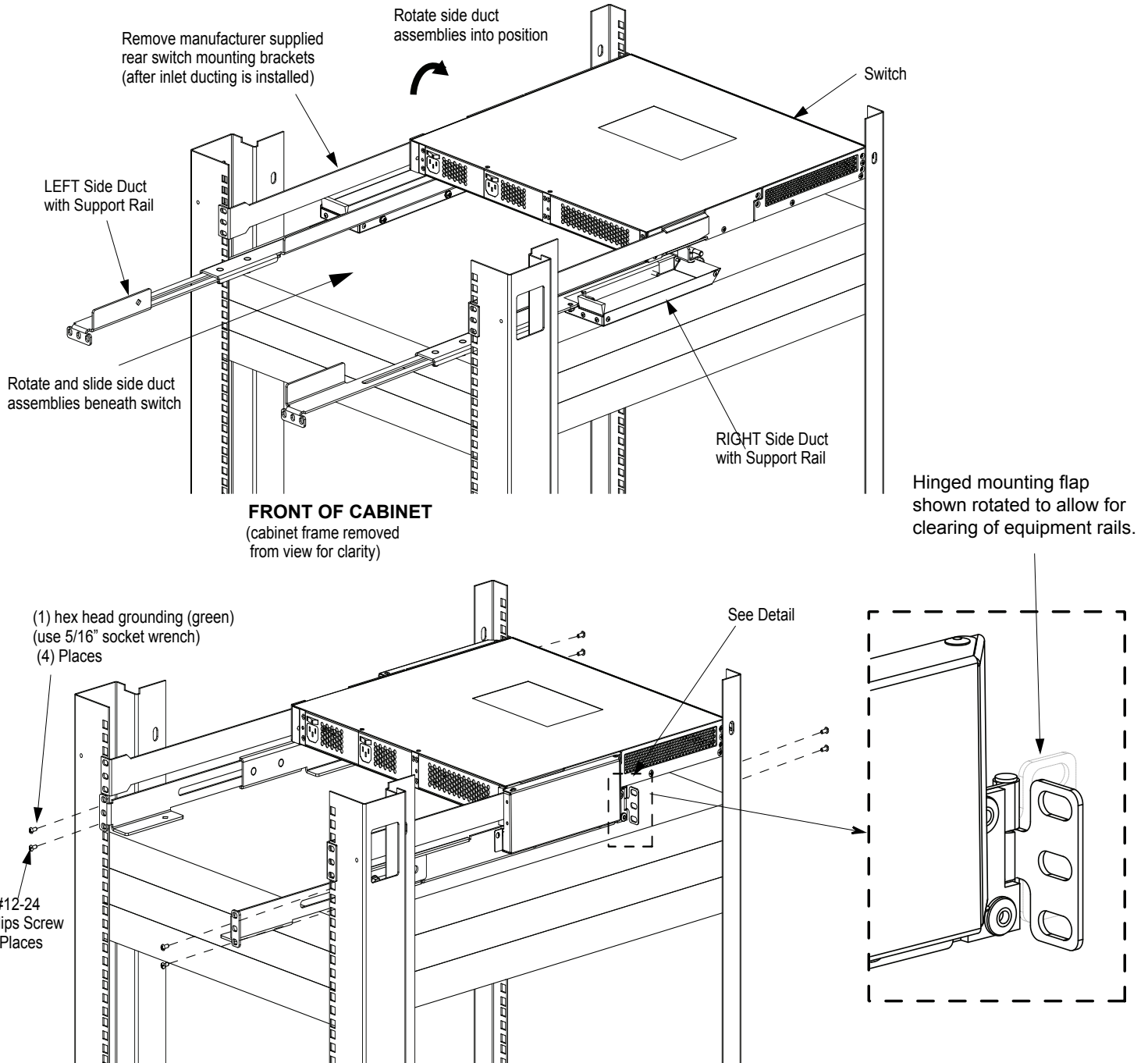
Day 2 - Side-mounted Transitional Ducting Installation

Install Side-mounted Transitional Ducting Assemblies

Modular ToR switch inlet duct is capable of being installed with switch in place.

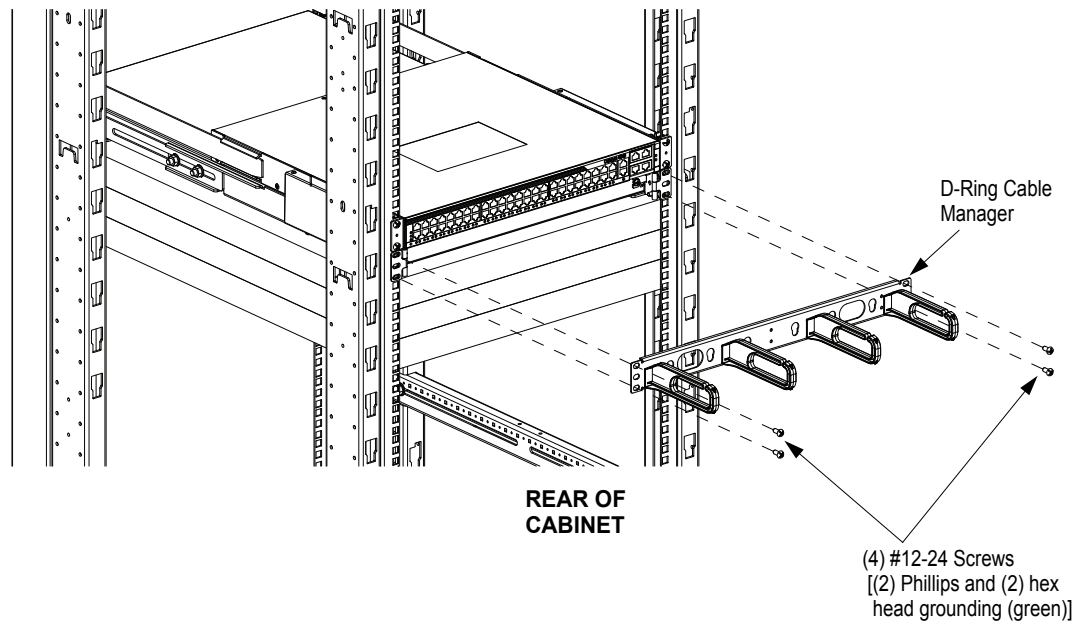
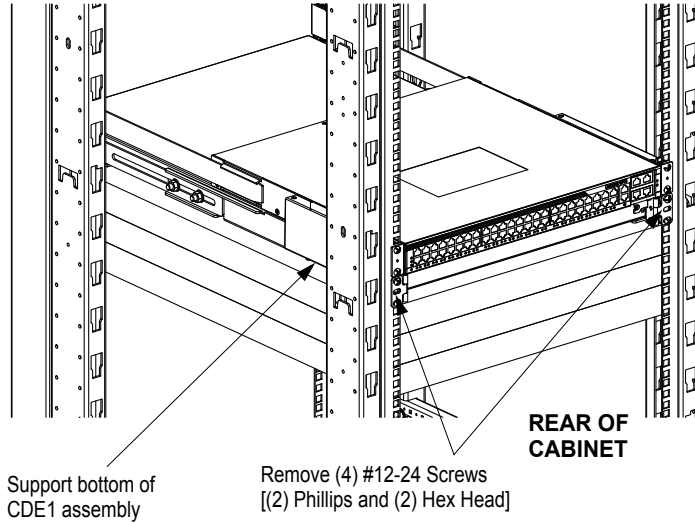
- Adjust LEFT and RIGHT side duct with support rail assemblies to match cabinet equipment rail span as described on page 3 of 6.
- Position side duct with support rail assemblies on sides and slide beneath switch
- Rotate side ducts to upright position
- Slide ducts along sides of switch - NOTE: Hinged mounting flap allows for clearing of equipment rails
- Attach each side duct assembly to cabinet equipment rails with (1) #12-24 Phillips screw and (1) hex head grounding screw (green) per equipment rail
- Install inlet ducting as described on page 4 of 6

NOTE: After inlet ducting is installed, remove manufacturer supplied rear switch mounting brackets to promote proper ventilation of switch.



Installation of Optional D-Ring Cable Manager

Remove (4) #12-24 screws fastening side-mounted transitional ducting assemblies to rear equipment rails of cabinet while supporting bottom of CDE1 assembly. Position D-ring cable manager in rear rack space immediately below switch overlaying hinged mounting flaps of side duct with support rail assemblies. Attach to cabinet equipment rails with (1) #12-24 Phillips screw and (1) hex head grounding screw (green) per rail.



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