

Net-Access™ Extended Switch Cabinets – 32" x 48"

Recommended for Cisco^ Nexus 7010 Switches

specifications

The 32" x 48" Net-Access™ Switch Cabinets shall consist of welded metal frames available in 31.5" (800mm) widths, 48.9" (1242mm) depths, and 42 RU or 45 RU heights. Cabinet equipment rails shall be adjustable up to 25.9" (657mm). Top panels shall include multiple openings with molded edge protection for cable entry. Cabinets shall include front dual hinge doors with 63% open perforation and rear split doors. Cabinets shall include front and rear cable management fingers and POU mounting brackets. The entire cabinet shall be fully electrically bonded, including equipment rails, doors, and side panels. Single point bonding locations shall be available at the top and bottom of each cabinet. Cabinets shall have a UL listed 2500 lbs. load rating.



technical information

Dimensions:	42 RU – 31.5" W (800mm) x 48.9" D (1242mm) x 78.8" H (2000mm) – with doors 45 RU – 31.5" W (800mm) x 48.0" D (1219mm) x 84.0" H (2134mm) – without doors 45 RU – 31.5" W (800mm) x 48.9" D (1242mm) x 84.0" H (2134mm) – with doors
Material:	Galvannealed steel with durable black polyester epoxy powder coat finish
Compliance:	EIA-310-D TIA/EIA-942 UL Listed 2500 lbs. (1134 kg) static load rating
Packaging:	Cabinet ships assembled, one per pallet

key features and benefits

Versatility	Wide range of cabinet designs optimized for specific thermal applications, resulting in improved thermal efficiencies and reductions in energy expenditures
Rapid deployment	Cable management and POU mounting brackets included to speed deployment; infinitely adjustable rails can be quickly repositioned
Reliability	Fulfills Cisco^ Nexus 7010 clearance requirements for increased network reliability
Bonding	Cabinets and accessories are single-point bonded, providing a safe and reliable network while reducing installation costs
Modular cable management fingers	Provides bend radius control for each rack unit and can be positioned where required on cabinet posts for cable protection for increased network availability; provides design flexibility, scalability, and improved aesthetics for easier moves, adds, and changes
Thermal management	Optional vertical exhaust system channels hot air from equipment to return plenum eliminating mixing of cooling and exhaust air enabling energy savings and improved performance; Multiple thermal ducts available for Cisco^ side-to-side breathing and top of rack switches
Energy efficiency	Provides optimal cable management for engineered thermal management; allows migration path for higher thermal densities including VED reducing energy expenses
Expansive offering	Cabinets are offered in 42 RU and 45 RU heights, with configurations that meet specific thermal requirements
Modular cable management channels	Provides optimal and discreet channels for managing and protecting cables contributing to increased network availability

applications

The 32" x 48" Net-Access™ Switch Cabinets meet the cabling and thermal requirements of the Cisco^ Nexus 7010 switch. The cabinets include the necessary cable management on the front of the cabinet to properly manage your cross connect or interconnect cabling. The rear of the cabinet includes cable management and POU brackets to mount,

secure, and manage vertical power outlet units. Multiple openings in the top of the cabinet include edge protection for overhead cable runs. Cabinets have integral grounding locations at the top and bottom of cabinet. All cabinets are compatible with the CabRunner® Overhead Cable Routing System.

^Cisco is a registered trademark of Cisco Technology Inc.
Visit www.panduit.com for Cisco 7010 Cable Installation and Routing Guidelines.

www.panduit.com

Net-Access™ Switch Cabinets for use in Hot Aisle/Cold Aisle Applications

45 RU, front dual hinge door, rear perforated split doors, no side panels, #12-24 rails:	CN28
45 RU, front dual hinge door, rear perforated split doors, no side panels, #12-24 rails – mounted numbers up:	CN28NU
45 RU, no doors, no side panels, #12-24 rails:	CN348
42 RU, front dual hinge door, rear perforated split doors, (2) side panels, cage nut rails:	CN182CNNU
45 RU, front dual hinge door, rear perforated split doors, no side panels, cage nut rails:	CN28CNNU

Net-Access™ Switch Cabinets for use in Cold Aisle Containment Applications

45 RU, front dual hinge door, rear perforated split doors, no side panels, vertical blanking panels, #12-24 rails – mounted numbers up:	CN28BNU
45 RU, front dual hinge door, rear perforated split doors, (1) side panel – left side, vertical blanking panels, #12-24 rails – mounted numbers up:	CN28BLNU
45 RU, front dual hinge door, rear perforated split doors, (1) side panel – left side, vertical blanking panels, cage nut rails – mounted numbers up:	CN28BLCNNU
45 RU, front dual hinge door, rear perforated split doors, no side panels, vertical blanking panels, cage nut rails – mounted numbers up:	CN28BCNNU
42 RU, front dual hinge door, rear perforated split doors, no side panels, vertical blanking panels, cage nut rails – mounted numbers up:	CN282BCNNU

Net-Access™ Switch Cabinets for use with Vertical Exhaust Ducting

45 RU, front dual hinge door, rear solid split door, no side panels, vertical blanking panels, #12-24 rails – mounted numbers up:	CN28HBNU
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Vertical Exhaust Ducting

Height adjustable – from 42" to 70" (1067mm to 1778mm):	CVED32VE
Height adjustable – from 21" to 45" (533mm to 1143mm):	CVED32VEN
Height adjustable – from 20" to 38" (508mm to 965mm):	CVED32VES

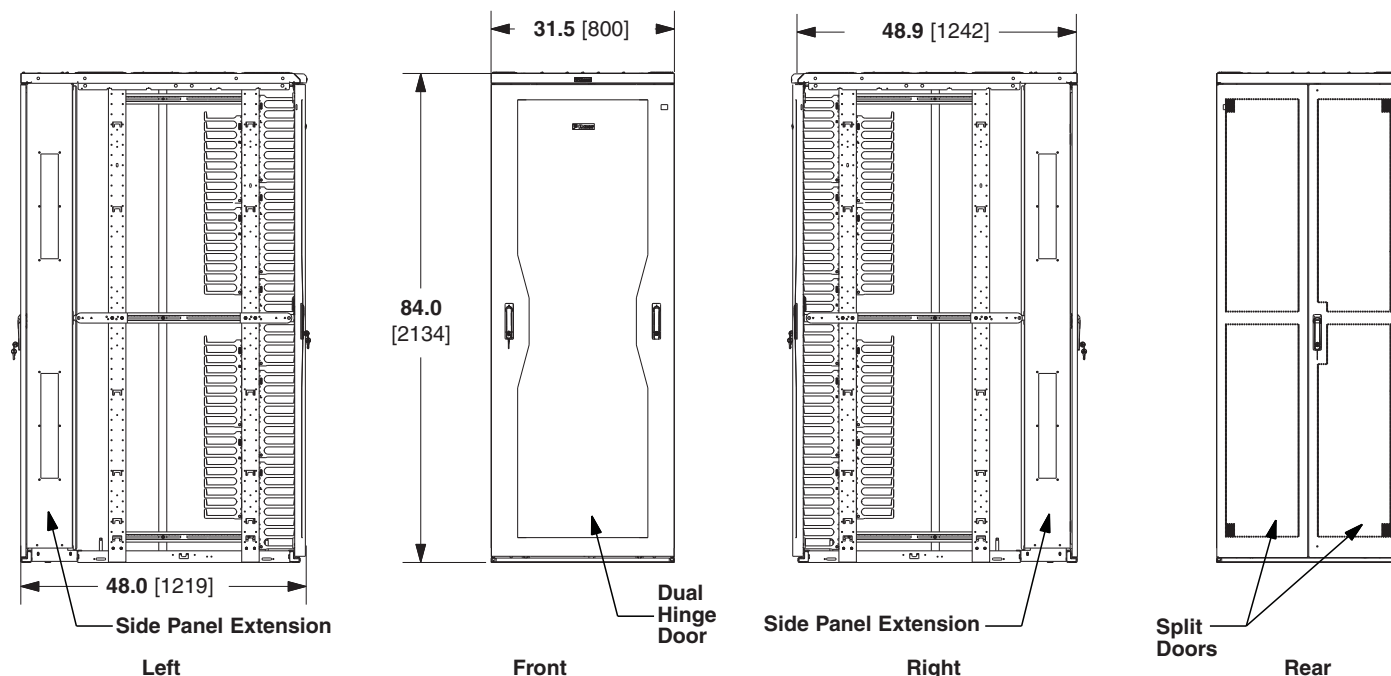
Accessories

45 RU side panel:	CNPS
42 RU side panel:	CNPS2
Additional POU bracket:	CVPDUB48
End cable slack spools:	CNPSE
Center cable slack spools:	CNSPCA
Castors:	CNCSTR
Vertical patch panel bracket:	CVPPB
Adjustable cable support bridge:	CSBA

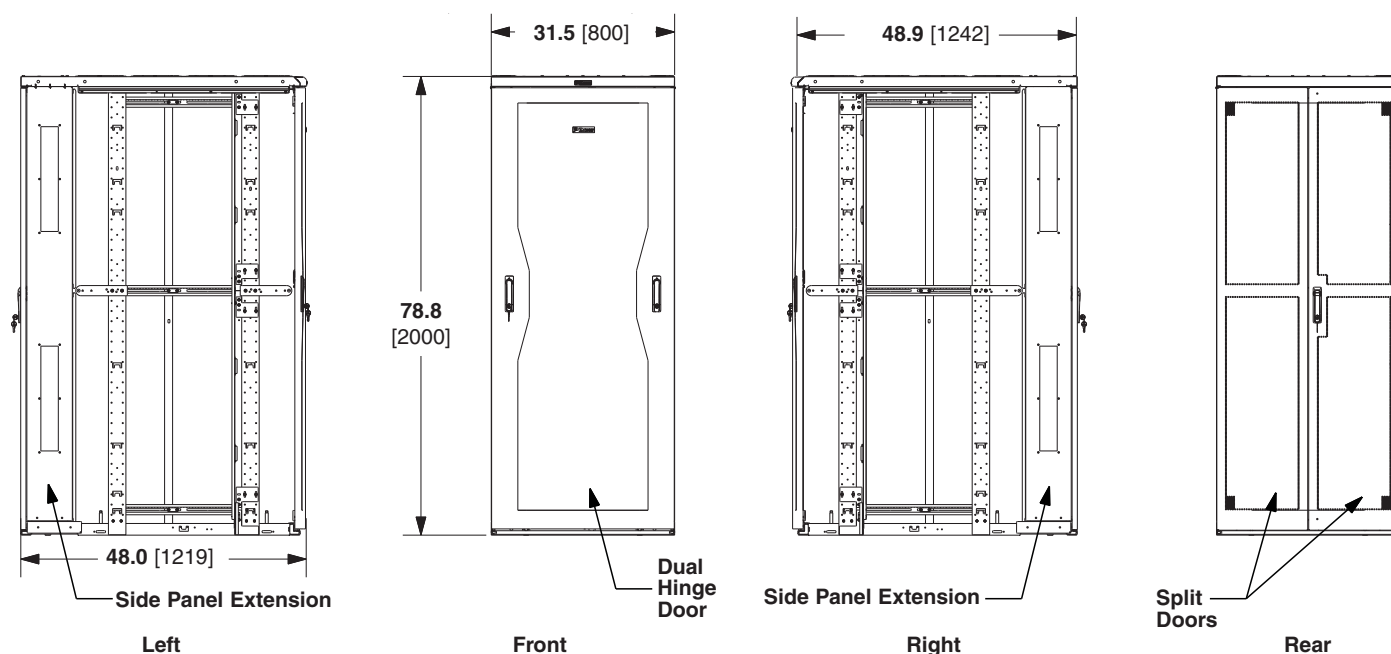
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45 RU cabinet dimensions



42 RU cabinet dimensions



Dimensions are in inches. [Dimensions in brackets are metric].

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