

Net-Access™ Cabinets for Use with Cisco^ Nexus 7000 Series Switches

specifications

Net-Access™ 7018 Cabinets shall be Cisco^ compatible and designed to meet the cabling and thermal requirements of the Cisco^ Nexus 7000 series 18-slot switch. They shall manage a fully deployed switch capable of supporting up to 768 copper connections or up to 512 fiber connections. The 39.5" W (1003mm) x 48"D (1219mm) footprint shall meet the Cisco^ open area requirement on either side of the switch with load rating at 2500 lbs. (1134 kg). The entire cabinet shall be fully electrically bonded, including equipment rails, doors, and side panels.



technical information

Dimensions:	42 RU – 39.5"W x 48.9"D x 78.75"H (1003mm x 1242mm x 2000mm) – with doors 45 RU – 39.5"W x 48.0"D x 84.0"H (1003mm x 1219mm x 2134mm) – without doors 45 RU – 39.5"W x 48.9"D x 84.0"H (1003mm x 1242mm x 2134mm) – with doors
Material:	Galvannealed steel with durable black polyester epoxy powder coat finish
Compliance:	EIA-310-D TIA/EIA-942
Static load rating:	2500 lbs. (1134 kg)
Packaging:	Cabinet ships assembled, one per pallet

key features and benefits

Versatility	Wide range of cabinet designs offered in 42 RU and 45 RU heights which are optimized for specific applications to allow improved thermal efficiencies resulting in reduced energy costs
Preconfigured	Each cabinet is fully assembled and includes thermal ducting and/or vertical blanking panels preassembled for lowest cost of ownership
Rapid deployment	Cable management and power outlets unit (POU) mounting brackets included to speed deployment; infinitely adjustable rails can be quickly repositioned
Reliability	Thermal performance verified through Cisco^ lab testing by thermal engineers earning Cisco^ Certified designation
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 along the two front posts and two rear posts for cable protection and increased network availability; provides design flexibility, scalability, and improved aesthetics for easier moves, adds, and changes
Energy efficiency	Optional vertical exhaust system channels hot air from equipment to return plenum eliminating mixing of cooling and exhaust air, enabling energy savings and improved thermal performance
Modular cable management channels	Provides optimal cable management channels for managing and protecting cables contributing to increased network availability

applications

Net-Access™ 7018 Cabinets are engineered to provide a best in class solution for Cisco^ Nexus 7018 switches. These cabinets are available for multiple architectures including: hot aisle/cold aisle applications, cold aisle containment applications,

and vertical exhaust duct applications. Panduit offers the Net-Access™ 7018 Cabinets in both 42 RU and 45 RU heights to meet your data center's height requirement.

Net-Access™ 7018 Cabinets for Use in Hot Aisle/Cold Aisle Applications

45 RU, no doors, no side panels, 7018 inlet, and exhaust ducting:	CN3847018NU
45 RU, perforated split doors, no side panels, 7018 inlet, and exhaust ducting:	CN5847018NU
45 RU, perforated split doors, side panels, 7018 inlet, and exhaust ducting:	CN4847018NU
42 RU, perforated split doors, side panels, 7018 inlet, and exhaust ducting:	CN48470182NU
45 RU, perforated split doors, no side panels, 7018 inlet, and exhaust ducting, cage nut rails:	CN5847018CNUU

Net-Access™ 7018 Cabinets for Use in Cold Aisle Containment Applications

45 RU, perforated split doors, side panels, vertical blanking panels, 7018 inlet ducting:	CN484C7018NU
42 RU, perforated split doors, side panels, vertical blanking panels, 7018 inlet ducting, cage nut rails:	CN484C70182CNUU

Net-Access™ 7018 Cabinet for Use with Vertical Exhaust Duct Applications

45 RU, front perforated split door, rear solid split door, no side panels, vertical blanking panels, 7018 inlet ducting:	CN584H7018
7018 vertical exhaust ducting height adjustable from 21" to 45" (534mm to 1143mm):	CVED40VEN
7018 vertical exhaust ducting height adjustable from 42" to 70" (1067mm to 1778mm):	CVED40VE

Net-Access™ 7018 Cabinet Accessories*

45 RU side panel:	CNPS40
45 RU perforated rear split doors:	CNDS40
Adjustable cable support bridge:	CSBA

Net-Access™ 7010 Cabinets 45 RU 31.5" W x 48" D (800mm x 1219mm) (Recommended for Nexus 7010 Switches)**

45 RU, front dual hinge door, rear perforated split doors, no side panels:	CN28
45 RU, no doors, no side panels:	CN348
45 RU VED cabinet, front dual hinge door, rear solid split doors, no side panels:	CN28HBNU

^Cisco is a registered trademark of Cisco Technology Inc.

*These accessories are only for use with 45 RU Net-Access™ 7018 Cabinets.

**These cabinets are recommended for the Nexus 7010 switches and are not compatible with the Nexus 7018 switch.

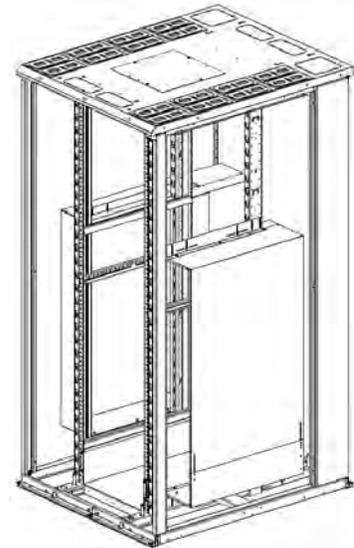
Net-Access™ Cabinets for Use with Cisco^ Nexus 7000 Series Switches

Net-Access™ 7018 Cabinets for Use in Hot Aisle/Cold Aisle

CN4847018NU

45 RU
39.5" W (1003mm)
48.9" D (1242mm)
84.0" H (2133mm)

(Dimensions shown include doors)

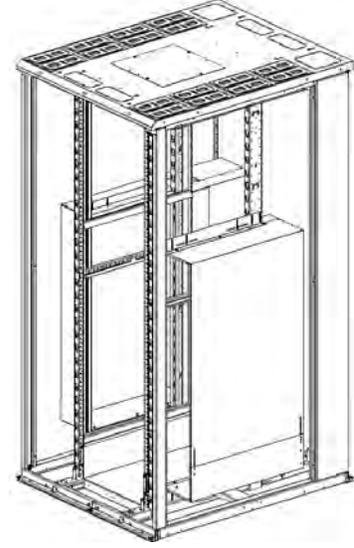


Doors and side panels removed for clarity.

CN48470182NU

42 RU
39.5" W (1003mm)
48.9" D (1242mm)
78.75" H (2000mm)

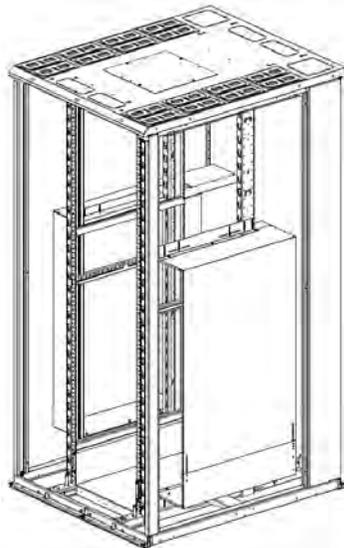
(Dimensions shown include doors)



Doors and side panels removed for clarity.

CN3847018NU

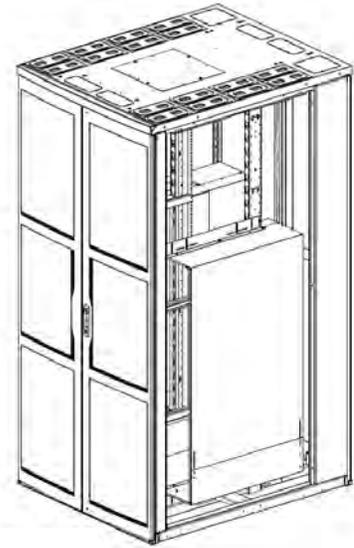
45 RU
39.5" W (1003mm)
48.0" D (1219mm)
84.0" H (2133mm)



CN5847018NU

45 RU
39.5" W (1003mm)
48.9" D (1242mm)
84.0" H (2133mm)

(Dimensions shown include doors)



Net-Access™ Cabinets for Use with Cisco^ Nexus 7000 Series Switches

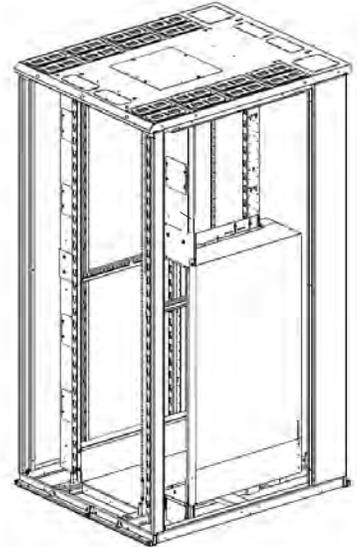
Net-Access™ 7018 Cabinets for Use in Cold Aisle Containment Applications



CN484C7018NU

45 RU
39.5" W (1003mm)
48.9" D (1242mm)
84.0" H (2133mm)

(Dimensions shown include doors)



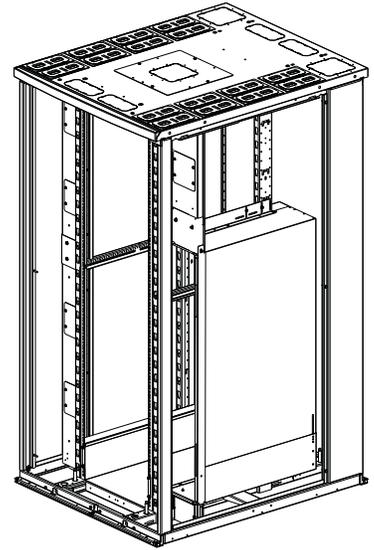
Doors and side panels removed for clarity.



CN484C70182CNNU

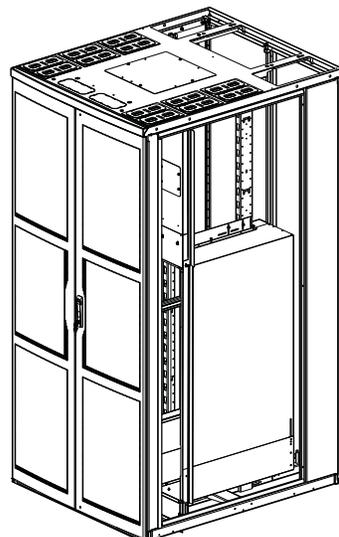
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48.9" D (1242mm)
78.75" H (2000mm)

(Dimensions shown include doors)



Doors and side panels removed for clarity.

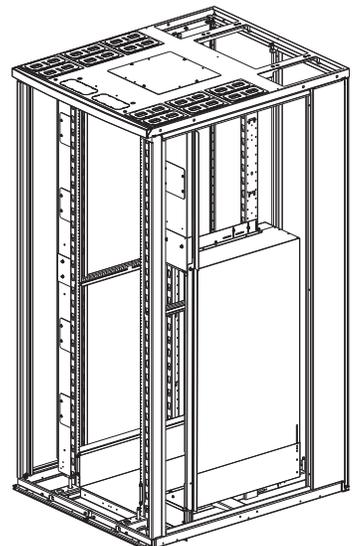
Net-Access™ 7018 Cabinets for Use in Vertical Exhaust Duct Applications



CN584H7018

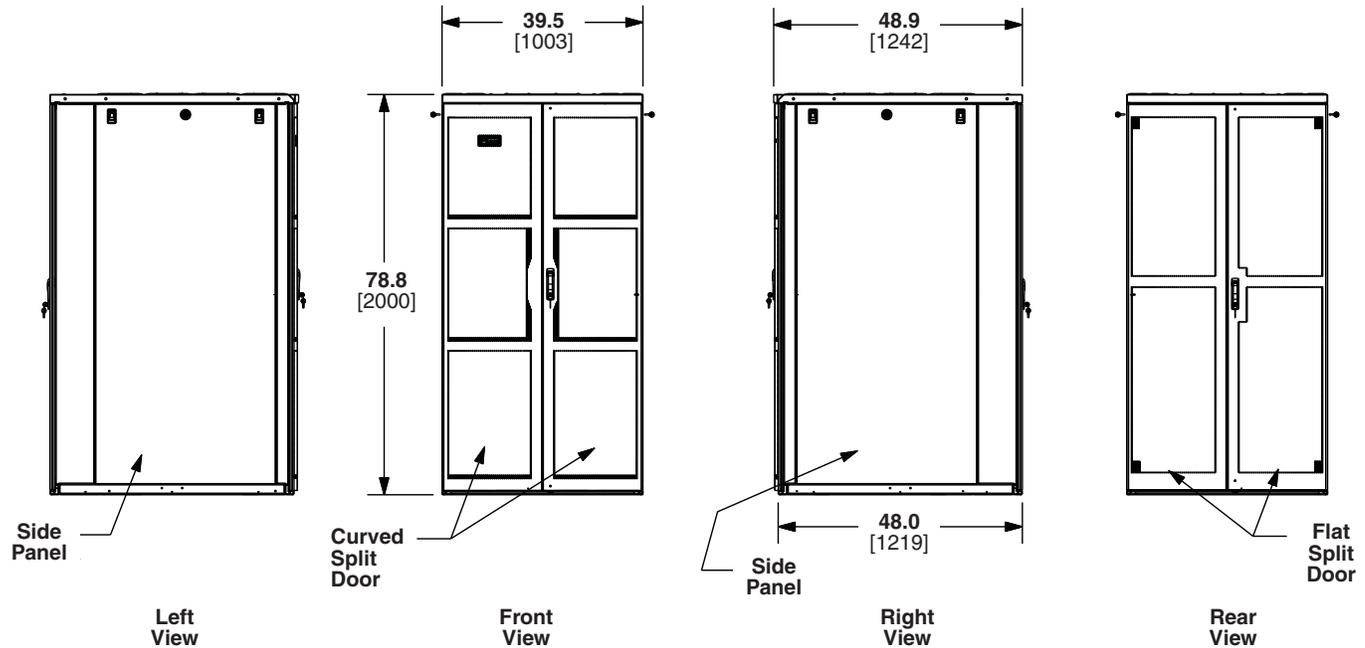
45 RU
39.5" W (1003mm)
48.9" D (1242mm)
84.0" H (2133mm)

(Dimensions shown include doors)

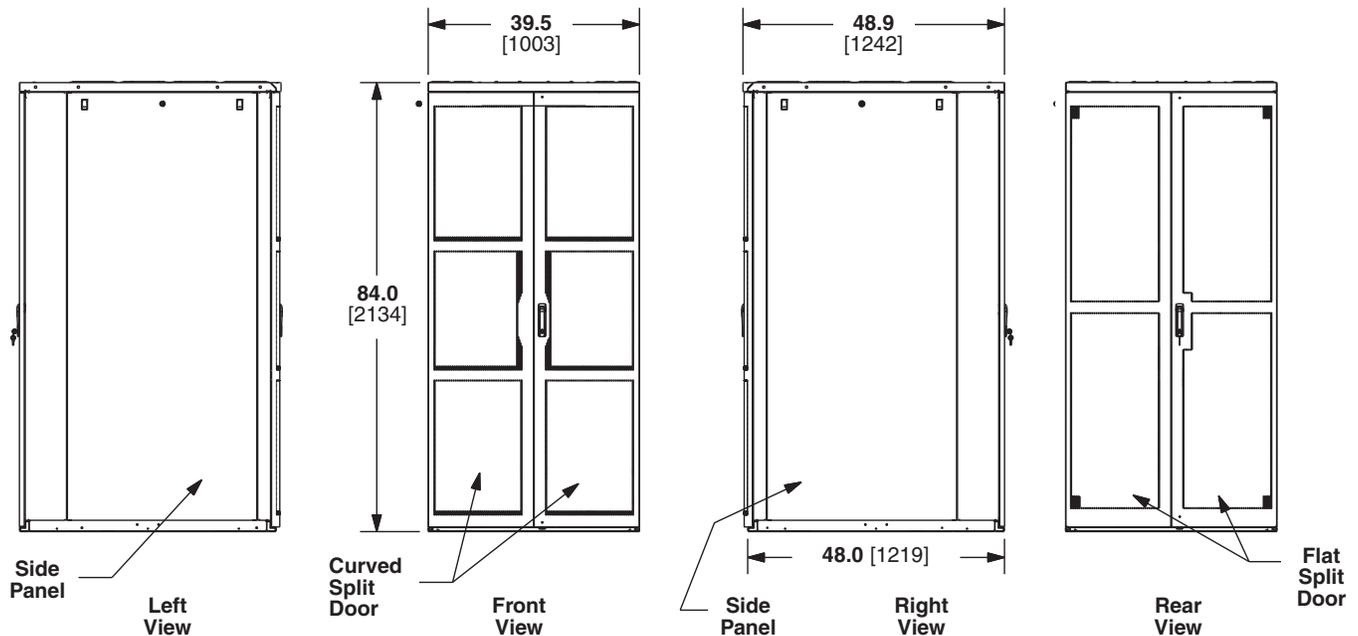


Doors removed for clarity.

42 RU Net-Access™ 7018 Cabinet Dimensions



45 RU Net-Access™ 7018 Cabinet Dimensions



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

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