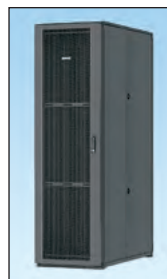# Net-Access™ S-Type Cabinets – 48 RU

specifications

The Net-Access™ S-Type Cabinets shall consist of a welded and assembled steel frame construction available in 600mm (23.6"), 700mm (27.6"), and 800mm (31.5") widths, 1068mm (42.0"), and 1220mm (48.0") depths, and 42 RU, 45 RU, and 48 RU heights. The top of cabinet includes molded edge protection and snap-in covers, and pre-installed in cable entry openings to prevent air leakage. Cabinets shall include front single hinge doors with 69% open perforation and rear perforated or solid split doors. Cabinets shall have rails with provisions for rear cable management fingers (some finger sold separately) or to accept Zero RU QuickNet™ Style Inserts. Cabinet shall have one set of of PDU brackets. The entire cabinet shall be fully electrically bonded, including equipment rails, door, and side panels. Single point bonding locations shall be available at the top and bottom of each cabinet. Cabinets shall have a 1360kg (3000 lbs.) load rating and 1136kg (2500 lbs.) rolling load rating.

technical information

Dimensions:	48 RU – 600mm W (23.6") x 1068mm D (42.0") x 2292mm H (90.3") 48 RU – 600mm W (23.6") x 1220mm D (48.0") x 2292mm H (90.3") 48 RU – 700mm W (27.6") x 1068mm D (42.0") x 2292mm H (90.3") 48 RU – 700mm W (27.6") x 1220mm D (48.0") x 2292mm H (90.3") 48 RU – 800mm W (31.5") x 1068mm D (42.0") x 2292mm H (90.3") 48 RU – 800mm W (31.5") x 1220mm D (48.0") x 2292mm H (90.3")
Rail span by cabinet depth:	**600mm Wide** 1067mm Deep – 2.5" (65mm) to 14.1" (357mm) and 20.5" (521mm) to 30.1" (765mm) (35.9" (911mm) without PDUs) 1219mm Deep – 2.5" (65mm) to 17.1" (435mm) and 23.0" (538mm) to 36.2" (919mm) (42.0" (1065mm) without PDUs) **700mm Wide** 1067mm Deep – 5.6" (141mm) to 17.2" (437mm) and 20.7" (526mm) to 36.8" (933mm) 1219mm Deep – 5.6" (141mm) to 21.0" (532mm) and 23.0" (538mm) to 42.7" (1085mm) **800mm Wide** 1067mm Deep – 5.6" (141mm) to 17.2" (437mm) and 20.7" (526mm) to 36.8" (933mm) 1219mm Deep – 5.6" (141mm) to 21.0" (532mm) and 23.0" (538mm) to 42.7" (1085mm)
Material:	Steel with durable black polyester epoxy powder coat finish
Compliance:	EIA-310-E TIA/EIA-942 UL2416
Packaging:	Cabinet ships assembled, one per pallet

key features and benefits

Versatility	Wide range of cabinet designs available for specific thermal applications, resulting in improved thermal efficiencies and reductions in energy expenditures
Thermal efficiency	Integral blanking panels and cabinet sealing features reduce bypass air and mixing of cold air and exhaust air within the cabinet for improved thermal efficiency
Total air sealing	Panduit cabinets, thermal ducting, cool boot product, blanking panels, blanking foam strips, and blanking shade provide a complete thermal and sealing solution (parts sold separately)
Aesthetics	N-Type and S-Type cabinets can be ganged together for complete streamlined appearance improving data center aesthetics
Rapid deployment	Integrated casters to provide easy roll to position; cable management ready rails included help speed deployment; easily adjustable rear rails can be quickly repositioned; heavy duty leveling legs can be accessed from top or bottom for faster deployment
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
Expansive offering	Multiple cabinet configurations for hot aisle/cold aisle, cold aisle containment, or vertical exhaust ducting deployments
Durable coating	Cabinets are powder coated in a durable, low maintenance polyester epoxy paint available in black (RAL9005), or white (RAL9003)

applications

Net-Access™ S-Type Cabinets provide unparalleled value incorporating integral thermal sealing and cable management options that provide cost effective solutions to meet the diverse application needs of today's data centers. Complete range of sizes and seamless integration with Net-Contain™ VED and Cold Aisle Containment Systems optimize thermal efficiency across virtually any data center application. Zero RU E-rail and outset cable entry enables vertical patching for 600mm (24") wide cabinets gaining up to 4 RU's per cabinet, optimizing cabinet and data center utilization.

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Net-Access™ S-Type Cabinets

Refer to the next page for the Net-Access™ S-Type Standard Configured Cabinets part number configurator.

Vertical Exhaust Ducting Applications 800mm x 42 RU x 1200

406mm to 660mm (16" to 26" tall):	C2VED08I1626*1
660mm to 965mm (26" to 38" tall):	C2VED08I2638*1
965mm to 1676mm (38" to 66" tall):	C2VED08I3866*1

Accessories

D-ring kit for full length POU bracket 25mm (1 inch) deep:	S1DR
D-ring kit for full length POU bracket 60mm (2.4 inch) deep:	S2DR
L-ring kit for full length POU bracket 40mm (1.6 inch) deep:	S1LR
L-ring kit for full length POU bracket 70mm (2.8 inch) deep:	S2LR
48 RU 1070mm standard side panel – black:	S81SPSE
48 RU 1070mm standard side panel – white:	S81SPSEW
48 RU 1200mm standard side panel – black:	S82SPSE
48 RU 1200mm standard side panel – white:	S82SPSEW
Casters:	SCSTR4
48 RU finger kit – 100mm (4") long:	SN15F
48 RU finger kit – 150mm (6") long:	SN25F
Three digit combination lock with key:	CCL3
Vertical patching bracket for 700mm wide cabinets:	S7VPPB
Vertical patching bracket for 800mm wide cabinets:	SN8VPP
Cool Boot® Cabinet Top Air Sealing Fitting for 6.5 x 6.5 cabinet top opening:	CTGN6X6
Cool Boot® Cabinet Top Air Sealing Fitting for 3.5 x 5 cabinet top opening:	CTGN3X5
Cool Boot® Cabinet Top Air Sealing Fitting for 1.5 x 5 cabinet top opening:	CTGN1X5
Cabinet top cable protection bezel for 6.5 x 6.5 cabinet top opening:	CTNBZL6X6
Cabinet top cover and cable protection bezel for 3.5 x 5 cabinet top opening:	CTCN3X5
Cabinet top cover and cable protection bezel for 1.5 x 5 cabinet top opening:	CTCN1X5

*Part number shown as Black. Add Suffix W for White.

Net-Access™ S-Type Cabinets – 48 RU
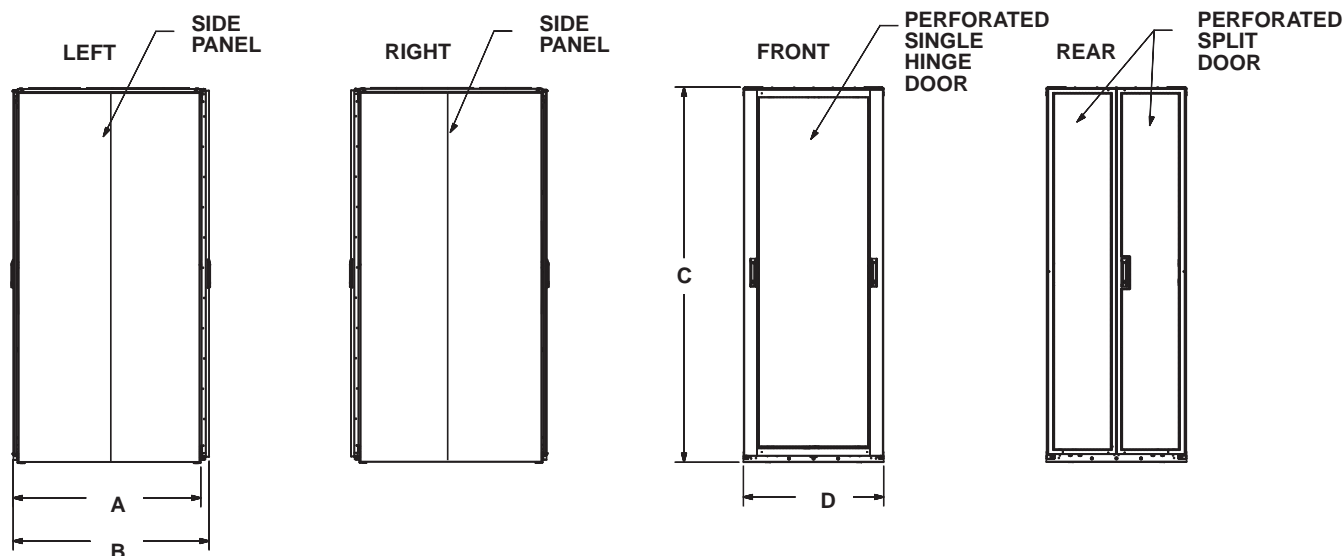
Net-Access™ S-Type standard configured cabinets

Series	Width	Height	Depth	Side Panels	Color	Standard Options (Select Only One)
S	6 = 600mm 7 = 700mm 8 = 800mm	2 = 42 RU 5 = 45 RU 8 = 48 RU	1 = 1070mm 2 = 1200mm	2 = 2 Side Panels* 9 = No Side Panel	B = Black W = White	A = Switch Configured with Front Cable Management (PDU bracket not included) A9 = Switch Configured with Front Cable Management and No Casters F = Vertical Cable Management Fingers P = Vertical Patching Equipment Rails S = No Doors T = Integral Cabinet Top Cable Routing System T9 = Integral Cabinet Top Cable Routing System and No Casters V = VED Ready V9 = VED Ready and No Casters 9 = No Casters

*Standard side panel. P – only available for 600mm wide S-Type Cabinets. V and V9 – only available for 1200mm deep cabinets.

Standard Configurations have 6 characters with only one standard option suffix.

S	6	2	1	2	B	

48 RU cabinet dimensions

Nominal Cabinet Depth	Dimension A	Dimension B	Dimension C	Dimension D
1070mm	1068mm (42.0")	1115mm (43.9")	2292mm (90.2")	598mm (23.5") 698mm (27.5") 798mm (31.4")
1200mm	1220mm (48.0")	1269mm (50.0")	2292mm (90.2")	598mm (23.5") 698mm (27.5") 798mm (31.4")

For more information

Visit us at www.panduit.com

**Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300**