

specifications

FlexFusion Cabinets shall consist of a welded and assembled steel frame construction available in 600mm, 700mm, and 800mm widths, 1070mm and 1200mm depths and 42 RU, 45 RU, 48 RU, and 52 RU heights. The top of cabinet shall be available with either molded edge protection and snap-in covers for CoolBoot® Grommet Cable Seal or brush cable seal and rear lift-up lid for PDU cable lay-in. Fully adjustable front and rear cage nut equipment rails. Available options includes front single hinged door and rear split-hinged doors with 80% open perforation, horizontally split side panels, cable management fingers, vertical cable manager bracket, PDU mounting bracket and casters. The entire cabinet shall be electrically bonded without the use of bonding wires. Cabinet shall have a 1591kg (3500 lbs.) static load rating and 1136kg (2500 lbs.) rolling load rating.



technical information

Available cabinet sizes:	Height	42, 45, 48, or 52 RU
	Width (mm)	600, 700, or 800
	Depth (mm)	1070 or 1200
Material:	Steel with durable Black or White polyester epoxy powder coat finish	
Compliance:	EIA/ECA-310-E, TIA/EIA-942, UL2416	
Packaging:	Cabinets ships assembled, one per pallet	

key features and benefits

Performance	Best-in-class static load rating of 3,500 lbs. and 2,500 lbs. rolling load is the result of a sturdy and robust cabinet design that safely allows housing of heavier and high-density equipment. 80% open perforated doors assures maximum airflow thru the cabinet for high thermal application.
Rapid Deployment	Easy to adjust equipment rails with choice of time saving tool-less or standard hardware fastener, tool-less vertical cable manager bracket, and tool-less top cap rear entry allows for a faster cabinet installation time than other cabinets
Versatility	Cabinet is available in wide range of sizes and options for hot aisle/cold aisle or thermal containment deployment
Scalability	Configure to order platform to achieve the cabinet to your specification and save time and reduce Capex in your network deployment
Bonding	Cabinets and accessories are integrally bonded without the use of grounding wires to provide a safe and reliable network while reducing installation costs
Durable coating	Cabinets are powder coated in a durable, low maintenance polyester epoxy paint available in Black (RAL9005) or White (RAL9003)

applications

FlexFusion Cabinets are ideal for network or server equipment that provides maximum flexibility and the capacity to manage high cable density in data center, enterprise or co-location deployment. Safely

houses 19" rack mount IT equipment in an indoor environment, provides extensive cable management options and thermal efficient cabinet.

cabinet options

Features	Options to Choose From
Equipment Rails (cage nut)	Tool-less or hardware fastener
Top Cap Seal	Brush Seal or CoolBoot® Cover
Doors	Single Hinged Front/Split-Hinged Rear or None
Door Lock	Mechanical Keyed, 3-Digit Combo Keyed, SmartZone™ G5 Security Handle, HID w/Humidity Sensor, or HID/Keypad w/Humidity Sensor*
PDU Mounting Bracket	Left Side, Right Side, Both Sides, or None
Cable Management Fingers	Short (4"), Long (6"), or None
Vertical Cable Management Bracket	Left Side, Right Side, Both Sides, or None
Casters	Yes or No
PDU Included	Choice of several G5 PDU or None
Temperature and Door Sensor**	Yes or No
Side Panel Sensor**	Yes or No

*Requires Intelligent G5 PDU to control.

**Requires electronic handle.

Visit www.panduit.com/configure-cabinet to configure your FlexFusion™ Cabinet

configured cabinet

Series	Width	Height	Depth	Side Panels	Color	Cabinet Type	Configured Part Designator Based on Selected Options
XG	6 = 600mm 7 = 700mm 8 = 800mm	42 = 42 RU 45 = 45 RU 48 = 48 RU 52 = 52 RU	1 = 1070mm 2 = 1200mm	1 = Left Side Only 2 = Both Sides 3 = Right Side Only 9 = No Side Panels	B = Black W = White	S = Standard	xxxx

cabinet part number sample

Part Number	Width (mm)	Height (RU)	Depth (mm)	Side Panels	Color	Top Cap Type	Doors	PDU Mounting Bracket	Cable Management Fingers	Vertical Cable Manager Bracket	Casters	PDU Included
XG64212BS0001	600	42	1070	Both Sides	Black	Brush Seal	Yes	Left Side	No	No	Yes	No
XG64512BS0001	600	45	1070	Both Sides	Black	Brush Seal	Yes	Left Side	No	No	Yes	No
XG64822WS0003	600	48	1200	Both Sides	White	CoolBoot® Cover	Yes	Left Side	No	No	Yes	No
XG74519BS0002	700	45	1070	None	Black	Brush Seal	Yes	Left Side	Yes	No	Yes	No
XG74522BS0004	700	45	1200	Both Sides	Black	CoolBoot® Cover	Yes	Left Side	Yes	No	Yes	No
XG74822WS0001	700	48	1200	Both Sides	White	Brush Seal	Yes	Left Side	No	No	Yes	No
XG84212WS0003	800	42	1070	Both Sides	White	CoolBoot® Cover	Yes	Left Side	No	No	Yes	No
XG84522BS0005	800	45	1200	Both Sides	Black	Brush Seal	Yes	Both Sides	Yes	Left Side	Yes	No
XG84829BS0006	800	48	1200	None	Black	CoolBoot® Cover	Yes	Both Sides	Yes	Left Side	Yes	No

accessories

Replacement Door				
Series	Type	Width	Height	Color
XG-DR	SH = Single Hinged Perforated SP = Split-Hinged Perforated	6 = 600mm	42 = 42 RU	B = Black W = White
		7 = 700mm	45 = 45 RU	
		8 = 800mm	48 = 48 RU	
			52 = 52 RU	

Examples:

XG-DRSH642W is a single door kit for 600mm wide, 42 RU, White cabinet.

XG-DRSH845B is a single door kit for 800mm wide, 45 RU, Black cabinet.

XG-DRSP845B is a split-hinged door kit for 800mm wide, 45 RU, Black cabinet.

Side Panels				
Series	Type	Height	Depth	Color
XG-SP	FS = Full Set, 1 side	42 = 42 RU	1 = 1070mm 2 = 1200mm	B = Black W = White
		45 = 45 RU		
		48 = 48 RU		
		52 = 52 RU		

Examples:

XG-SPFS421W is a side panel kit for 42 RU, 1070mm deep, White cabinet.

XG-SPFS452B is a side panel kit for 45 RU, 1200mm deep, Black cabinet.

XG-SPFS482W is a side panel kit for 48 RU, 1200mm deep, White cabinet.

PDU Mounting Bracket	
Part Number	Color
XG-PBRB	B = Black
XG-PBRW	W = White

Vertical Cable Management Panel		
Series	Height	Color
XG-VCM	42 = 42 RU	B = Black W = White
	45 = 45 RU	
	48 = 48 RU	
	52 = 52 RU	

Examples:

XG-VCM42B is a vertical cable management panel for 42 RU, Black cabinet.

XG-VCM45B is a vertical cable management panel for 45 RU, Black cabinet.

XG-VCM48W is a vertical cable management panel for 48 RU, White cabinet.

Cable Management Finger			
Series	Length	Cabinet Height	Color
XG-FM	S = Short (4 in.) L = Long (6 in.)	45 = 42 and 45 RU	B = Black W = White
		48 = 48 RU	
		52 = 52 RU	

Examples:

XG-FMS45B is a cable management finger kit for 42 RU and 45 RU, 4 in. long, Black color.

XG-FML45B is a cable management finger kit for 42 RU and 45 RU, 6 in. long, Black color.

XG-FML48W is a cable management finger kit for 48 RU, 6 in. long, White color.

Air Dam Seal Kit		
Series	Width	Color
XG-ADS	6 = 600mm	B = Black W = White
	7 = 700mm	
	8 = 800mm	

Examples:

XG-ADS7W is a air dam seal kit for 700mm wide, White color cabinet.

XG-ADS8B is a air dam seal kit for 800mm wide, Black color cabinet.

Front to Back Cable Management Trough	
Part Number	Color
XG-FTBB	B = Black
XG-FTBW	W = White

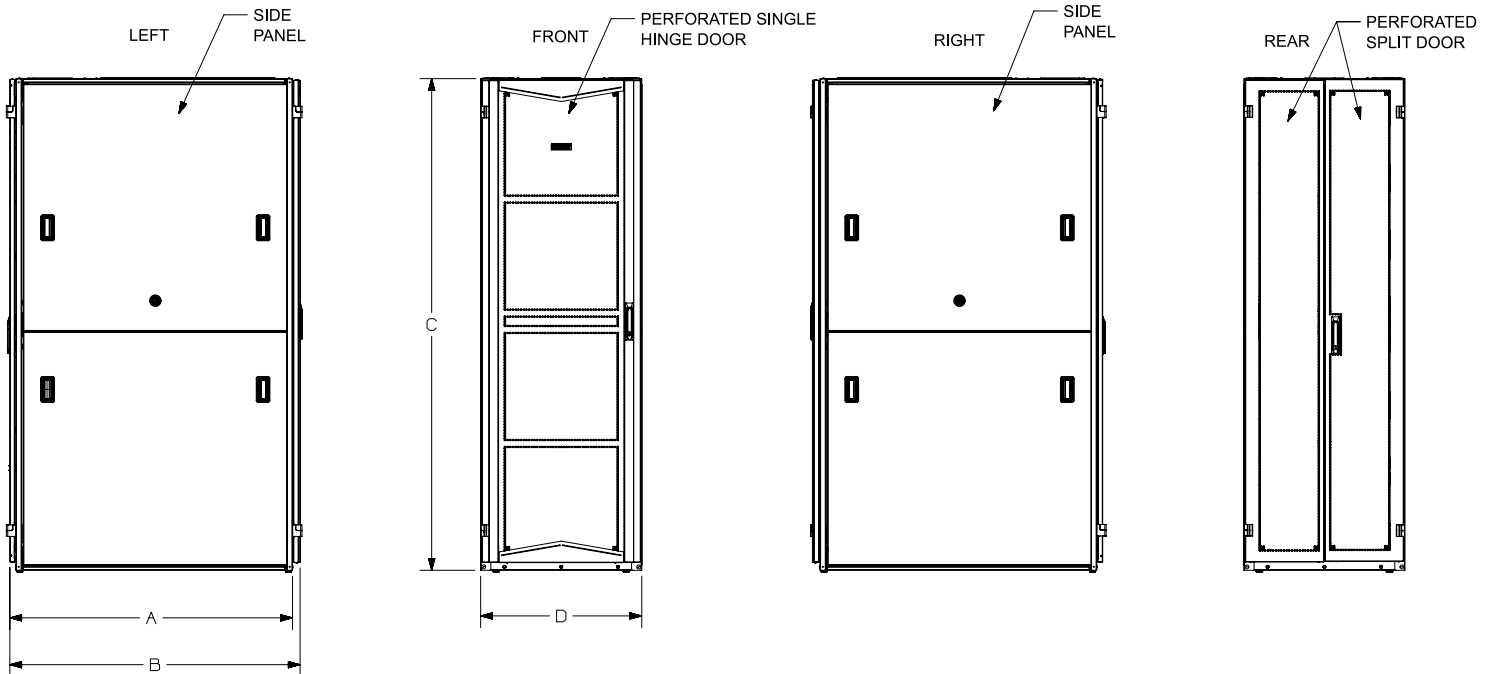
This kit is for either 700 or 800mm wide cabinets.

FlexFusion™ Cabinets

All cabinets include:

- Adjustable front and rear equipment rails
- Rail position markers
- Heavy-duty leveling legs
- Ganging brackets
- Standard floor mounting brackets
- 25 each M6 cage nuts and screws

cabinet dimensions



Dimension A	Dimension B	Dimension C*	Dimension D
1070mm (42.0")	1104mm (43.5")	42 RU - 2022mm (79.6")	600mm (23.6")
1200mm (48.0")	1254mm (49.4")	45 RU - 2157mm (84.9")	700mm (27.5")
		48 RU - 2289mm (90.1")	800mm (31.4")
		52 RU - 2443mm (96.2")	

*Cabinet height includes caster. Height of cabinet without caster and leveling legs fully retracted is 24mm (0.94") less.

**Casters are not included on 52 RU height cabinets. 52 RU height dimensions is without caster.

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