

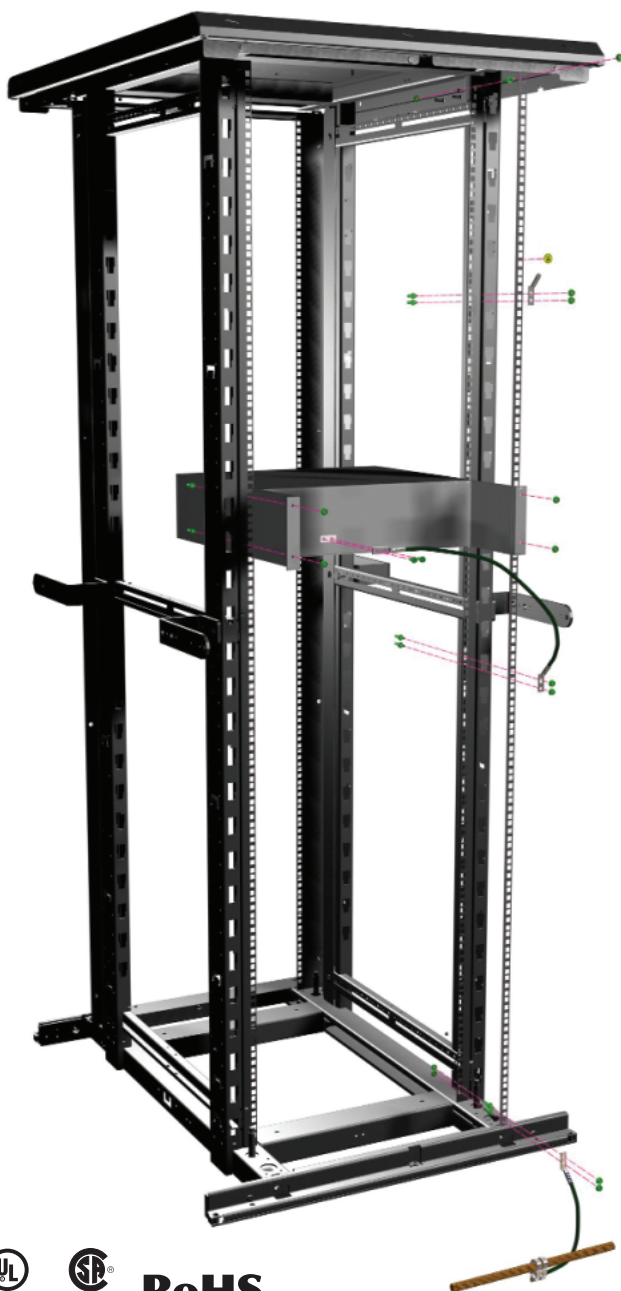
STRUCTUREDGROUND™ Kits for Data Center Cabinet Grounding



Selection Guide

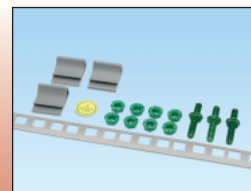
Complete Grounding Solution

- Complies with the "Telecommunications Infrastructure Standard for Data Centers" as described in TIA-942
- Maximize uptime, maintains systems performance, and protects network equipment
- Provides a dedicated, low resistance, and visually verifiable ground system
- Flexible design for use on EIA-310-D compliant cabinet



Grounding Strip Kit:

- Provides a bond between the grounding strip and rack or cabinet, eliminating the need to scrape paint



Bonding Hardware Kit:

- Patent pending, bonds equipment and patch panels to the front or back of the rack or cabinet



Electrostatic Discharge (ESD) Port Kit:

- Bent 45° acts as a hook to hold ESD wrist strap



Equipment Jumper Kit:

- Bonds network equipment to the grounding strip or grounding busbar



Common Bonding Network (CBN) Jumper Kit:

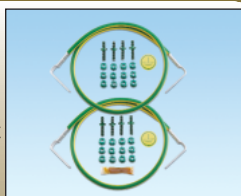
- Connects grounding strip or grounding busbar to MCBN in underfloor and overhead grounding applications



RoHS

*Front to Back Rail Jumper Kit:

- Patent pending hardware bonds the front and back cabinet rails to the cabinet grounding busbar



*Grounding Busbar Kit:

- Provides the common grounding point within the cabinet



*For use with unbonded cabinet; not required for PANDUIT® NET-ACCESS™ Cabinets or 4 Post Racks

STRUCTUREDGROUND™ Kits for Data Center Cabinet Grounding

Cabinet Grounding Selection in 2 Easy Steps:

1. What type of fasteners do your mounting rails require?
2. What is the maximum depth of the equipment being mounted?

Selection Criteria	Grounding Strip Kit [^]	ESD Port Kit (2 required) [‡]	Grounding Busbar Kit [^]	Front to Back Rail Jumper Kit [^]	Common Bonding Network (CBN) Jumper Kit [*]	Equipment Jumper Kit ^{**}	Bonding Hardware ^{***}
PANDUIT® NET-ACCESS™ Cabinets: CN1, CN2, CN4, CN5, CN1CN, CN2CN, CS1, CS2 and CS3	STRUCTUREDGROUND™ Kits for Data Center Cabinet Grounding						
1. Rail Fasteners							
Threaded #12-24 [•]	RGS134-1Y	RGESD2-1	—	—	RGCBNJ660P22	RGEJ657PFY	RGTBSG-C (Bonding Screw)
Cage Nut ^{••}	RGS134B-1	RGESD2B-1					CGNBSK (Bonding Stud)
EIA-310-D Compliant Cabinets	STRUCTUREDGROUND™ Kits for Data Center Cabinet Grounding						
1. Rail Fasteners	2. Rail Depth up to						
Threaded #12-24 or M6	20" (.5m)	RGS134-1Y	RGESD2-1	RGRB19U	CGJ620U	RGCBNJ660P22	RGTBSG-C or RGTBSM6G-C
	30" (.75m)				CGJ630U		
	40" (1m)				CGJ640U		
Threaded #10-32 or M5	20" (.5m)	RGS134B-1	RGESD2A-1	RGRB19CN	CGJ620UA		RGTBS1032G-C or RGTBSM5G-C
	30" (.75m)				CGJ630UA		
	40" (1m)				CGJ640UA		
Cage Nut	20" (.5m)	RGS134C-1	RGESD2C-1	RGRB19U	CGJ620UB		CGNBSK (Bonding Stud)
	30" (.75m)				CGJ630UB		
	40" (1m)				CGJ640UB		
1/4" Thru-Hole	20" (.5m)				CGJ620UC		THBSK (Bonding Stud)
	30" (.75m)				CGJ630UC		
	40" (1m)				CGJ640UC		

[^]Grounding strip kits, grounding busbar kits, and front to back rail jumper kits are supplied with mounting hardware based upon rail type.

[•]Grounding strip kits include 45 RU strip lengths, additional kits for 42 RU and 47 RU also available. Grounding strip kits also available in packages of ten.

[‡]ESD port recommended for use on front and back of cabinet.

^{*}CBN jumper kit supports MCBN connection up to #2 AWG (35mm²). Use RGCBNJ660PY for cable sizes up to 250kcmil (120mm²).

^{**}Additional equipment jumper kits available in different sizes with different termination options. One equipment jumper kit is required per component.

^{***}Use bonding hardware to mount and bond equipment to the cabinet.

[•]Threaded #12-24 rails are included with the CN1, CN2, CN4 and CN5 cabinets.

^{••}Cage nut equipment rails are sold in pairs for the cabinets, order part numbers CNRC, CN1CN, CN2CN, CS1, CS2 and CS3.

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