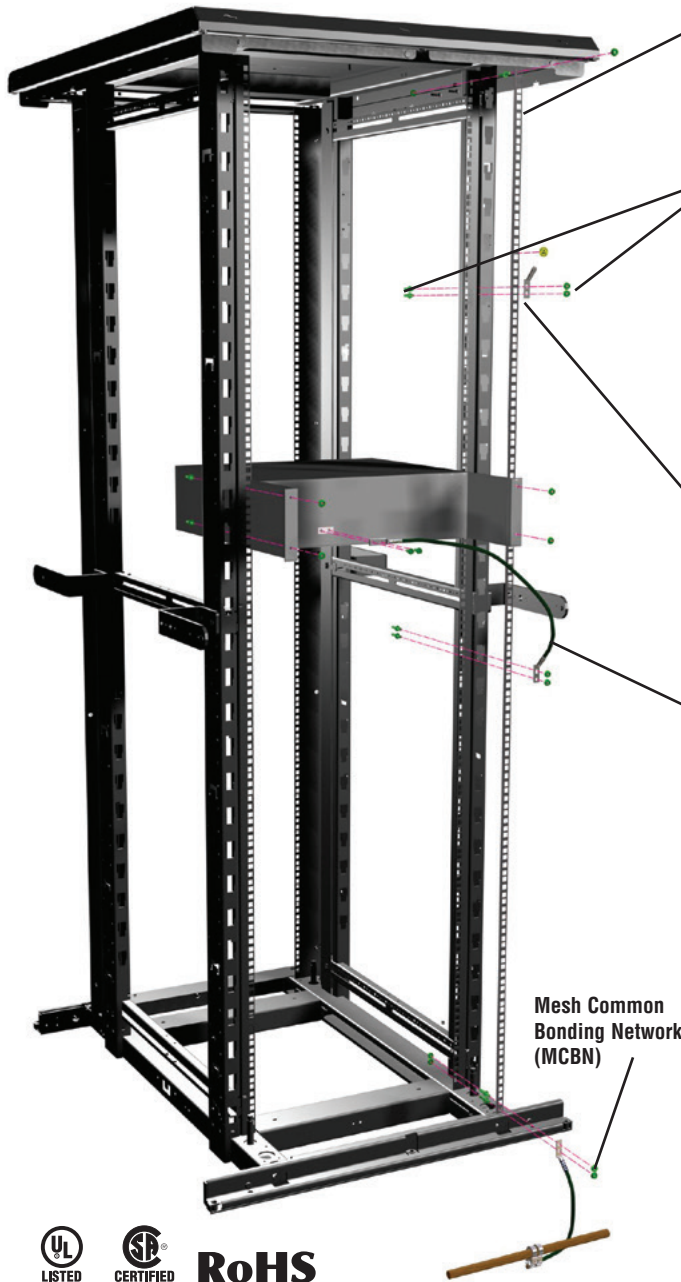


StructuredGround™ Kits for Data Center Cabinet Grounding Selection Guide

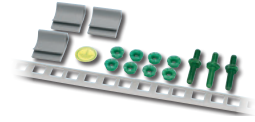
Complete Grounding Solution

- 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 compliant cabinet



Grounding Strip Kit: RGS

- Patented hardware provides a bond between grounding strip and cabinet, eliminating the need to scrape paint



Bonding Cage Nut: CNBK

- Patented, bonds equipment and patch panels to cabinet rails



Electrostatic Discharge (ESD) Port Kit: RGEDS

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



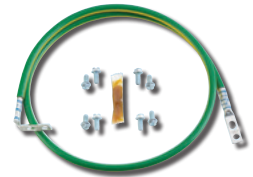
Electrostatic Discharge (ESD) Wrist Strap Kits: RGEDWS

- Prevents damaging electrostatic discharge to equipment and personnel



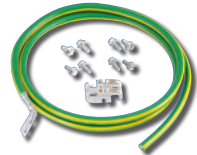
Equipment Jumper Kit: RGEJ

- Bonds network equipment to the grounding strip or grounding busbar



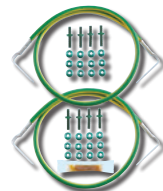
Common Bonding Network (CBN) Jumper Kit: RGCBN

- Connects grounding busbar to MCBN in access floor and overhead grounding applications



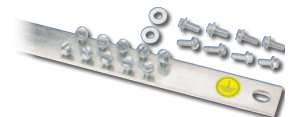
*Front to Back Rail Jumper Kit: CGJ

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



*Grounding Busbar Kit: RGRB19

- Provides the common grounding point within the cabinet



RoHS

*For use with unbonded cabinet; not required for Panduit® Net-Access™ Cabinets or 4 Post Racks

StructuredGround™ Kits for Data Center Cabinet Grounding Selection Guide

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) [‡]	ESD Wrist Strap	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*	RGESDWS	—	—	RGCBNJ660P22	GJS660U	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	RGESDWS	RGRB19U	RGCBNJ660P22	GJS660U	CGJ620U	
	30" (.75m)									CGJ630U
	40" (1m)									
Threaded #10-32 or M5	20" (.5m)	RGS134B-1	RGESD2A-1*	RGRB19CN	RGESDWS	RGRB19CN	RGCBNJ660P22	GJS660U	CGJ620UA	
	30" (.75m)									CGJ630UA
	40" (1m)									
Cage Nut	20" (.5m)	RGS134B-1	RGESD2B-1*	RGRB19CN	RGESDWS	RGRB19CN	RGCBNJ660P22	GJS660U	CGJ620UB	
	30" (.75m)									CGJ630UB
	40" (1m)									
1/4" Thru-Hole	20" (.5m)	RGS134C-1	RGESD2C-1	RGRB19U	RGESDWS	RGRB19U	RGCBNJ660P22	GJS660U	CGJ620UC	
	30" (.75m)									CGJ630UC
	40" (1m)									
									RGTBSG-C or RGTBSM6G-C	
										RGTBS1032G-C or RGTBSM5G-C
										CNBK (Bonding Cage Nut)
										THBSK (Bonding Stud)

[^]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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