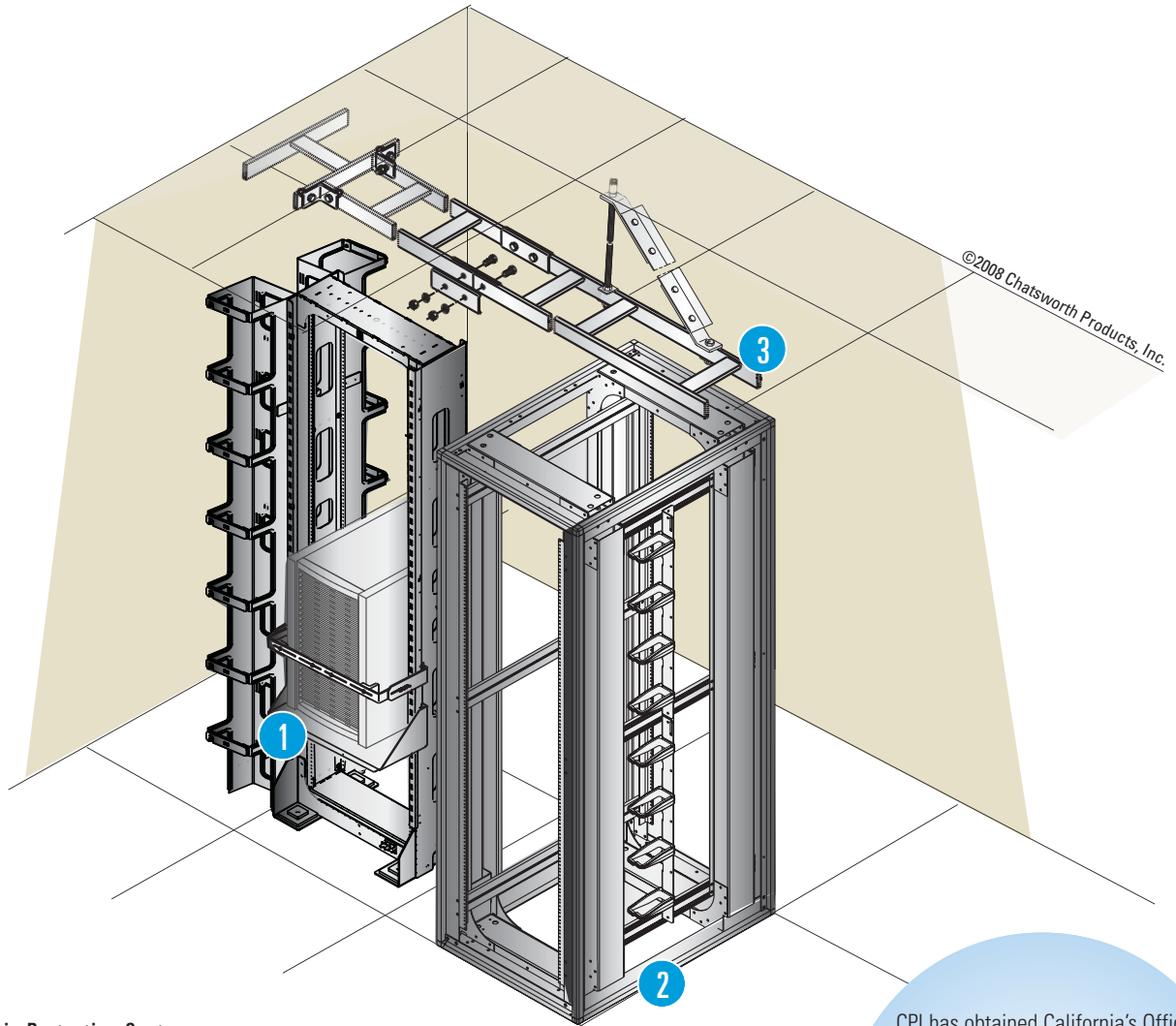


PRODUCT APPLICATION

Seismic Protection Systems

Chatsworth Products, Inc. (CPI) Seismic Protection Systems reduce the risk of equipment damage by stiffening, bracing and stabilizing racks and rack-mounted equipment to comply with structural recommendations. When planning installations in seismically active regions, CPI helps reduce the approval cycle by obtaining California's Office of Statewide Health Planning and Development (OSHPD) Pre-Approval (OPA) numbers for several IT infrastructure products. In compliance with earthquake design criteria, CPI's Seismic Protection Systems protect equipment so it remains operational when subject to earthquakes.



CPI Seismic Protection Systems:

- 1 Seismic Products for Rack Systems
- 2 Seismic Products for Cabinet and Enclosure Systems
- 3 Seismic Products for Cable Runway

CPI has obtained California's Office of Statewide Health Planning and Development (OSHPD) pre-approval (OPA) numbers for several CPI IT infrastructure products. A list of OPA numbers is available at www.chatsworth.com/OSHPD.

PRODUCT APPLICATION SHEET

Seismic Products for Rack Systems

Seismic Frame® Two-Post Rack

Supports patch panels and network switches in seismic hazard areas. Rated for a 1,000 lb (453.6 kg) load per Network Equipment Building Systems (NEBS) GR-63-CORE Zone 4 requirements.

Part Number	Description
13853-703	19"W x 7"H (2.1 m), 44 RMU, Tapped #12-24 Zinc Rails, Black
13854-703	19"W x 7"H (2.1 m), 44 RMU, Square-Punched Zinc Rails, Black
13855-703	19"W x 7"H (2.1 m), 44 RMU, Tapped #12-24 Painted Rails, Black
13856-703	19"W x 7"H (2.1 m), 44 RMU, Square-Punched Painted Rails, Black
13883-703	23"W x 7"H (2.1 m), 44 RMU, Tapped #12-24 Zinc Rails, Black
13884-703	23"W x 7"H (2.1 m), 44 RMU, Square-Punched Zinc Rails, Black
13885-703	23"W x 7"H (2.1 m), 44 RMU, Tapped #12-24 Painted Rails, Black
13886-703	23"W x 7"H (2.1 m), 44 RMU, Square-Punched Painted Rails, Black

Other colors available. Install using four seismic-rated concrete anchors (sold separately - see below).

Seismic Frame® Two-Post Rack Floor Anchor Kit

Set of four seismic-rated concrete floor anchors for Seismic Frame® Two-Post Rack.

Part Number	Description
13702-001	Concrete Floor Anchor Kit

Includes four Hilti HSL-3 M 12/25 anchors.

Seismic Frame® Two-Post Rack Vertical Cabling Section

Provides a double-sided, front and rear cable pathway

Part Number	Description
13704-703	Vertical Cabling Section, Black

Other colors available. Other CPI cable managers can be mounted on Seismic Rack.

Heavy Duty Equipment Shelf for 6" (150 mm) Channel

Use on 19"W Seismic Frame Two-Post Racks to support shelf-mount equipment.

Part Number	Description
12293-719	19"W x 5 RMU, 20"D (450 mm) Supports up to 200 lb (90.7 kg), Black

Other colors available.

Equipment and Tower CPU Adjustable Tie-Down Brackets (for Two-Post Racks)

Rack-mount brackets that secure equipment to shelves.

Part Number	Description
11349-719	Desktop CPU Tie-Down Bracket, 19" Rack, Black
11349-723	Desktop CPU Tie-Down Bracket, 23" Rack, Black
12091-719	Variable Height Tie-Down Bracket, 19" Rack, Black
12091-723	Variable Height Tie-Down Bracket, 23" Rack, Black
12086-719	Tower CPU Tie-Down Bracket, 19" Rack, Black
12086-723	Tower CPU Tie-Down Bracket, 23" Rack, Black

Other colors available.

Universal Earthquake Bracing Kit

Adjustable bracket for bracing an equipment rack or auxiliary frame to the wall or ceiling to meet earthquake safety codes.

Part Number	Description
10562-001	Universal Earthquake Bracing Kit

Note: Additional installation hardware is required.

Seismic Products for Cabinet Systems

Seismic Frame® Cabinet System

Supports computer, data storage and network equipment in seismic hazard areas. Rated for an 800 lb (362.9 kg) load per NEBS GR-63-CORE Zone 4 requirements.

Part Number	Description
11972-742	19"W x 36"D x 7"H (2.1 m), 43 RMU, Includes Perforated Doors, Top and Side Panels, Black
11973-742	19"W x 36"D x 7"H (2.1 m), 43 RMU, Includes Perforated Doors and Top Panel (No Side Panels)
11974-702	19"W x 36"D x 7"H (2.1 m), 43 RMU, (No Doors, Top or Side Panels), Black

Other colors available.

Fixed Shelf

Use on 19"W Seismic Frame® Cabinets to support shelf-mount equipment.

Part Number	Description
14070-719	19"W x 2 RMU, 29"D (740 mm) Supports up to 200 lb (90.7 kg), Black

Other colors available.

Seismic Equipment Bracket for Cabinets

Rack-mount bracket that secures equipment to shelves.

Part Number	Description
14061-719	19"W x 1 RMU, Adjusts 15" to 32"D (380 mm to 810 mm), Black

Other colors available.

Adjustable Bracing Kit for Cabinets

Brace the top of the cabinet to a nearby wall.

Part Number	Description
12477-719	Adjusts 24" to 36"D (610 mm to 910 mm), Black

Other colors available.

Seismic Products for Cable Runway

Splice Kits

Connect Cable Runway together.

Part Number	Description
11299-X01	Heavy-Duty Butt-Splice Kit
16299-X01	UL Classified Heavy-Duty Butt-Splice Kit
11298-001	Heavy-Duty Junction Splice Kit
16298-001	UL Classified Heavy-Duty Junction Splice Kit

Earthquake Bracing Kits

Stiffening brackets for threaded rod supports.

Part Number	Description
10695-001	Single Earthquake Brace
10696-001	Double Earthquake Brace

Cable Runway Wall Angle

L-shaped angle used with Earthquake Bracing Kits.

Part Number	Description
11420-101	1'L (0.3 m), Gray
11420-104	4'L (1.2 m), Gray
11420-108	8'L (2.4 m), Gray
11420-110	10'L (3.0 m), Gray

Other colors available. Widths ranging from 4" to 24" available.



CHATSWORTH PRODUCTS, INC.

All products quoted are subject to availability based on manufacturing capacity and shipping dates should be considered estimates only. While every effort has been made to ensure the accuracy of all information, CPI does not accept liability for any errors or omissions and reserves the right to change information and descriptions of listed services and products.

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