

45RU Global Seismic Frame

Racks :: Zone 4 Compatibility Worldwide

Overview

Engineered to protect equipment in Zone 4 seismic areas and house Infinera’s XTC-10 (a full single bay optical transport network solution) and XTC-4 (a half bay optical transport network solution), Amphenol Network Solutions’ 45RU Global Seismic Frame provides 45 usable rack units in a standard 23” mount. The 45RU Rack complies with EIA GR-63-CORE Earthquake Resistance Criteria when loaded with up to 850 pounds (385.6 kg) of equipment. (A seismic anchor kit is required) Each frame features a two-post, wide-rail, steel construction. Floor-to-ceiling cable feeds and a unique cable ducting design with feed-through holes enable maximum cable capacity and simplified wiring.

Key Benefits

- 45 usable rack units in a standard 23” mount
- Conforms to GR-63-CORE Earthquake Resistance Criteria
- Engineered for easy addition of accessories, including cable ducts, fiber management, and end panels
- EIA wide mounting hole pattern in both the front and back flanges (holes are drilled and tapped)
- Unitized, welded 45RU steel frame
- Frames are available as standalone frames, frames with accessories, or fully configured global seismic solutions

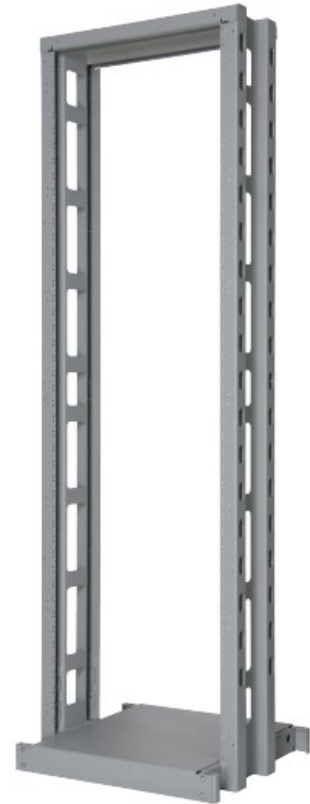


Fig. 1: C2X 4RU chassis

Applications

- Indoor commercial environments
- Data center
- Central office

Global Seismic Frame Accessories

Accessories	Descriptions
Enclosure components	Protect frame and components from damage
Base covers	Finish the base of the frame
Rack dollies	Give mobility to 19” and 23” racks
Isolation pads	Electrically isolate racks from mounting surface
Non-isolated anchor kits	Secure frames to concrete floor
Extender kits	Provide additional cable duct capacity
Duct capacity spacers	Provide additional wiring space between two adjacent frames

Specifications

Dimensions	
Height	7’ (213.36 cm)
Width: 23” Panel Mounting	25.88” (657.35 mm)
Depth	24.37” (619 mm)
Weight Capacity	Up to 850 lbs. (385.6 kg) Zone 4 certified
Materials	
Material	Cold-rolled steel
Finish	UL Pantone, Telephone Gray, TGIC polyester powder coat
Mounting hole pattern	
EIA wide (standard)	1.75 RU (1.25”, 0.5”, 1.25”) Tapped to accept 12-24 hardware

Notes: Equipment position, size, and relative location of weight may affect seismic test performance. Additional dampening panels may be required for weights in excess of 850 lbs.

Ordering Information

Frame

Part Number	Description
0GS45RU	23" frame, 7' high, EIA hole spacing, 45RU, 24" (619 mm) deep

Accessories

Part Number	Description
0GS066EP	Side panel, 24" x 7' (600 mm x 213 cm)
0GS066SP-05S	Interbay spacer panel, 7' x 24" x 5" (213 cm x 600 mm x 127 mm), with spools

Anchor Kit

Part Number	Description
08022K01	Global seismic anchor kit

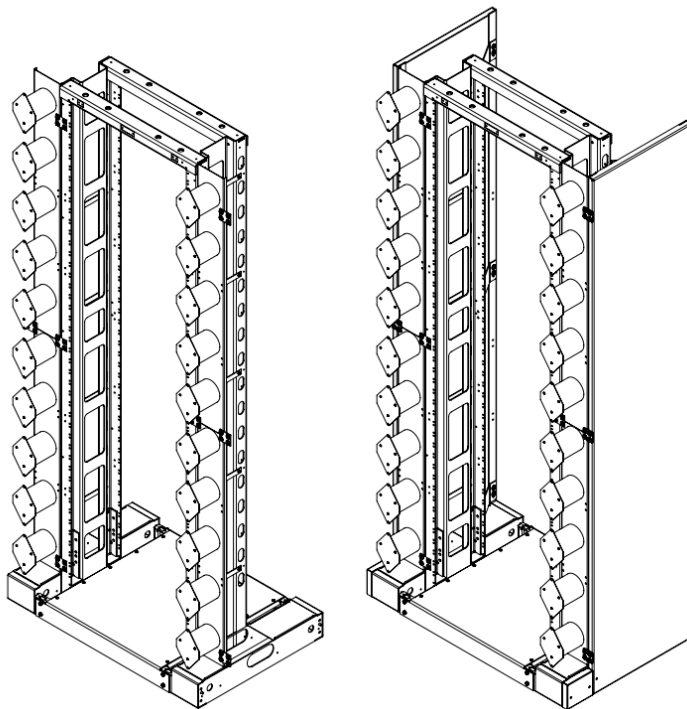


Fig. 2: 0GS45RU with Cable Management

Fig. 3: 0GS45RU with Cable Management and End Panels

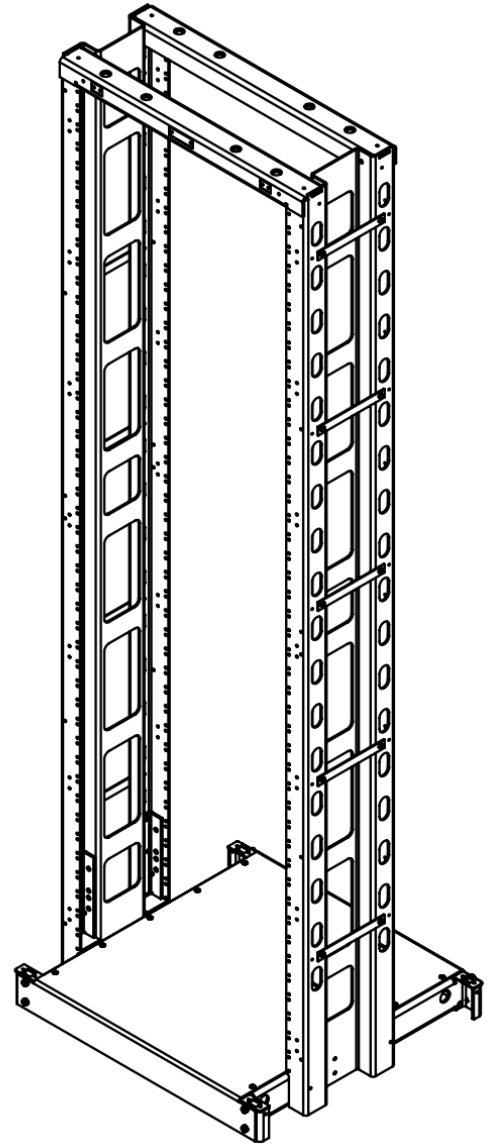


Fig. 4: 0GS45RU with Base Cover and Power Cable Management