

Columbia Cable Management Frame Specifications



Overview

Cable Management CommScope offers a variety of cable management hardware and solutions for frames, racks and cabinets Cablofil Cable Management | LegrandCa.

Key Takeaways

Columbia Cable Management Frames are designed for 19-inch rack compatibility, offering multiple rack units, vertical cable management, and modular mounting options. General Frame Specifications

Columbia Cable Management Frames are engineered to support standard 19-inch EIA rack-mounted equipment. Typical frames provide 24 to 45 rack units (RU) depending on the model, with threaded attachment points using 12-24 roll-formed threads for secure equipment mounting . The frames are usually constructed with L-shaped base angles and C-shaped equipment-mounting channels, allowing for bolt assembly and optional baying with other racks or 2-post relay racks .

Dimensions

- Height: Approximately 7 feet (84 inches) for full-size frames
- Width: Around 20.3 inches for standard frames



- Depth: Typically 15 inches, though some models may vary depending on cable management requirements

Cable Management Features

- Vertical Cable Managers: The sides of the frame are punched to allow attachment of vertical cable managers, providing organized routing for patch cords and fiber cables .

- T-shaped Cable Guides: Openings along the vertical managers are formed by evenly spaced T-shaped guides, often made from composite plastic, to maintain separation and prevent tangling .

- Horizontal Cable Management: Some frames include horizontal cable managers or slack storage notches at the bottom of the frame for fiber or copper cabling .

Installation and Mounting

- Frames can be installed on concrete floors or raised floors .
- Assembly includes all necessary hardware for mounting equipment and grounding .
- Frames are designed to bay with other racks or integrate with 2-post relay racks for scalable network setups .

Material and Finish

- Standard frames are typically black powder-coated steel, though other colors may be available upon request .
- Frames include grounding kits and may feature seismic-rated designs for enhanced stability .

Additional Notes

- Columbia frames are compatible with standard fiber connector panels, patch panels, and network switches.
- Each frame generally includes at least one vertical cable manager per row, with additional managers added as needed for high-density installations .
- Some models may include horizontal ground bars and isolation kits for enhanced electrical safety . These specifications ensure that Columbia Cable Management Frames provide a robust, modular, and organized solution for network infrastructure, supporting both fiber and copper cabling while maintaining accessibility and compliance with standard rack dimensions.

Article Content

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Cable Entry Systems

Cable entry systems provide easy installation of cables through enclosures or bulkhead surfaces. Split-frame systems clamp together

Adjustable Fiber Optic Cable Slack Storage Foss Fiber Optics AS

Adjustable cable management frame suitable for both small and large closures. The slim profile minimizes visibility. The coiling frame

Control Cable - Columbia Wire & Cable Corporation

Control Cable General Information Columbia's control cables are normally used for remote control operation of electrical and

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Horizontal Cable Management gement framework for the cross connect. Developed by Hubbell to reduce installation time, maximize

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

