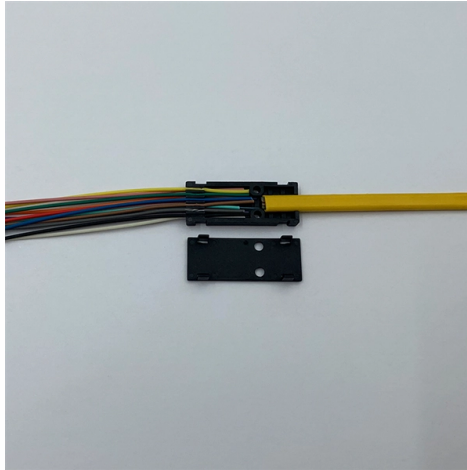


How to put the cover on the cable management rack



Overview

Pull out the cable-management arm pin 1, and then slide the cable-management arm tab 2 into the slot on the inside of the slide rail.

Key Takeaways

Covering a cable management rack involves using dedicated cable management panels, ducts, or troughs to organize, protect, and conceal cables while maintaining airflow and accessibility. Choose the Right Cover Type

Cable management racks can be covered using cover-type panels, wire ducts, or brush panels. Cover-type panels are typically solid or slotted panels that attach horizontally or vertically to the rack, guiding cables and preventing tangling. Wire ducts or troughs allow cables to be routed neatly while providing protection from physical damage. Brush panels are ideal for areas where cables need to pass through while minimizing dust and airflow disruption.

Installation Steps

- **Measure and Plan:** Determine the rack dimensions, cable lengths, and the number of cables to ensure the cover fits properly and avoids excess slack.
- **Sort and Group Cables:** Organize cables by type (data, power, fiber) and route them logically to reduce interference and simplify maintenance.
- **Attach the Cover:** Mount the cover panel or duct to the front, rear, or sides of the rack depending on whether you are managing horizontal or vertical cable runs.

- **Secure Cables:** Use Velcro straps or cable ties to bundle cables neatly inside the cover. Velcro is preferred as it avoids damaging cables and allows easy adjustments .
 - **Maintain Proper Bend Radius:** Ensure cables are not bent sharply inside the cover to prevent signal degradation, especially for fiber optic or high-speed Ethernet cables .
 - **Check Airflow:** Make sure the cover does not obstruct ventilation paths. Proper airflow prevents overheating of switches, servers, and PoE devices .
- Best Practices**
- **Label Cables:** Clearly label each cable for easier troubleshooting and future modifications .
 - **Plan for Expansion:** Leave extra space in the cover for additional cables to avoid overcrowding .
 - **Use Modular Covers:** Consider modular or removable covers for easy access during maintenance or upgrades .
 - **Combine Horizontal and Vertical Management:** Use horizontal covers for patch cords and vertical covers along rack sides for longer cable runs to maintain a clean and organized rack . By following these steps, you can effectively cover your cable management rack, improving both the appearance and functionality of your network infrastructure while ensuring safety, airflow, and ease of maintenance .

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