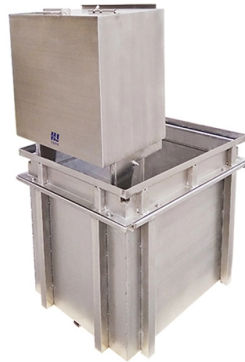


How to connect cables at the bottom of the network cabinet



Article Overview

Route cables through the bottom using cable access bars, secure them with straps, and maintain clear airflow for safety and maintainability.

Step-by-Step Guide

1. Plan Your Layout Before connecting cables, identify which devices will be installed, the required ports, and any redundancy needs. Determine the cable types (Cat5e, Cat6, Cat6a, or fiber optic) and lengths to avoid excess slack and ensure proper airflow . 2. Use Cable Access Bars Remove the bottom cable access bar to create an open space for routing cables. After placing the cables, reinstall the bar to contain and protect them . This prevents cables from obstructing airflow and reduces the risk of damage. 3. Route Cables Properly

- Route cables along the cabinet's side channels or built-in cable management paths.
 - Use cable straps or Velcro ties along the front or rear frame to secure cables neatly .
 - Avoid tight bends or kinks, especially for fiber optic cables, to prevent signal loss .
4. Maintain Airflow Slide covers over cable openings to prevent hot exhaust air from recirculating into the rack. Leaving covers partially open can provide extra exhaust for components near the top and bottom, but always ensure airflow is not blocked . 5. Label and Document Label each cable clearly and use color coding for different functions. Maintain a structured documentation of ports, devices, and connections to simplify troubleshooting and future expansions . 6. Safety and Compliance Ensure c...

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