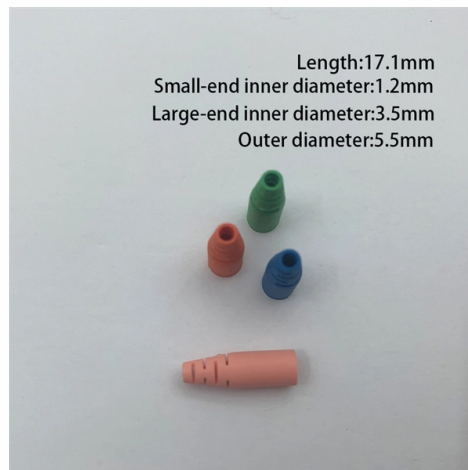


How to install network rack modules



AI Overview

Proper installation of a network module in a rack involves careful planning, secure mounting, organized cabling, and attention to airflow and power distribution.

Planning and Preparation

Before installation, evaluate the site and rack space. Measure the equipment dimensions and ensure the rack can accommodate the devices with extra space for future expansion. Verify that the floor can support the fully loaded rack and that there is sufficient clearance for airflow on all sides. Choose the appropriate rack type—open-frame racks for easy access and cooling, enclosed cabinets for security and dust protection, or wall-mounted racks for limited spaces .

Mounting the Network Module

- **Select the Rack Position:** Place heavier equipment at the bottom to improve stability and reduce tipping risk. Position devices with port-side intake facing the cold aisle for optimal cooling .
- **Attach Mounting Brackets:** Use the manufacturer-provided brackets or screws. Align the bracket holes with the rack rails and secure them using the recommended screws, typically M4 or 10-32 with integrated washers. Avoid over-tightening to prevent damage .
- **Install the Module:** Lift the module into position and secure it to the brackets. Ensure it is level and stable. For modular or multi-slot chassis, distribute weight evenly across the rack .

Cable Management

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