

Dual-network dual-fiber panel



Article Overview

A dual-network dual-fiber panel is a high-density fiber management solution that supports two separate networks and provides front and rear access for efficient module installation and cable routing.

Overview

Dual-network dual-fiber panels are designed to manage multiple fiber connections in a single enclosure, allowing two independent networks to coexist while maintaining organized and accessible cabling. These panels are commonly used in data centers, enterprise networks, and telecom installations to optimize space and improve network flexibility .

Key Features

- **Dual Access:** Panels like AFL's XFM-28 provide both front and rear access, effectively doubling module capacity in the same rack space. For example, a 4RU panel can accommodate 28 slots (14 front / 14 rear), compared to traditional front-access-only panels .
- **High-Density Connectivity:** Cisco and CommScope panels support high-density LC, SC, and MPO/MTP connectors, enabling breakout connectivity from 10G to 400G networks .
- **Network Segregation:** Dual-network panels allow two separate networks to be terminated and managed within the same physical panel, reducing rack footprint and simplifying maintenance .
- **Flexible Fiber Types:** These panels are compatible with single-mode (SMF) and mu...

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Contact Us

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