

Intelligent Optical Switching Device

720G/320G

This intelligent optical switching device uses a single-stage method to achieve strictly non-blocking multicast 720G/320G cross connections. Its powerful cross-matrix capacity upgrade capability allows for on-demand configuration.



Overview

Intelligent Optical Switching Device

This high-performance optical switching device is designed for large-scale metro and local core networks, offering robust 20G/40G low-level service scheduling capabilities. With a highly flexible subrack architecture featuring 48 service slots, it supports a wide array of interface combinations including STM-256, STM-64, STM-16, and STM-4/1. The device integrates advanced Ethernet Layer 2 switching, MPLS, and comprehensive protection mechanisms to ensure network reliability and dynamic bandwidth allocation.

Capacity & Performance

Low-level Scheduling Capacity	160 G
Service Slots	48

Interfaces

Supported Optical Interfaces

Interface Type	Max Capacity
STM-256	8
STM-64	72
STM-16	192
STM-4 / STM-1	384

Ethernet & Networking

Ethernet Capabilities	Layer 2 Switching, Virtual Concatenation, LCAS, VLAN, QinQ, Embedded RPR, MPLS
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Protection & Reliability

Protection Mechanisms

- Path protection
- Multiplex section protection
- Sub-network connection protection
- Pre-recovery
- Sharing recovery
- Dynamic recovery

Deployment

Recommended Deployment

Inter-provincial trunk • Trunk province • Large metro core • Local core