

Intelligent Optical Switching Device

This intelligent optical switching device employs a single-stage method for strictly non-blocking cross-320G multicast. It provides 20G × N (up to 80G) low-level service scheduling capabilities for flexible business operations.



Overview

Intelligent Optical Switching Device

This intelligent optical switching device provides a scalable and flexible solution for high-performance network applications. Designed with a modular architecture, it supports a wide range of optical interfaces and full-speed Ethernet connectivity. The system is engineered to deliver robust network reliability through comprehensive protection mechanisms and dynamic bandwidth management, making it an ideal choice for data centers and telecommunications infrastructure.

Capacity & Interfaces

Optical Interface Configurations

- 4 STM-256 optical ports
- 32 STM-64 optical ports
- 80 STM-16 optical ports
- 160 STM-4/STM-1 optical ports

Service Slots

20 slots

Network Features

Protection & Recovery

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

Ethernet Functions

FE/GE Full-speed, Layer 2 Switching, Virtual Concatenation, LCAS, VLAN, QinQ

Deployment

Suitable Deployment Scenarios

Trunk for province • Large Metro • Core Local • Small Metro • Medium Metro

Network Planning

Improved OTNPlanner network planning software system