

Intelligent Optical Switching Device

This intelligent optical core switching equipment uses a single-stage method to achieve strictly non-blocking cross 160G/80G multicast capability. Its cross-matrix capacity can be configured on demand, allowing for a smooth upgrade to 80G/160G.



Overview

High-Performance Intelligent Optical Switching

This intelligent optical switching device is engineered for small to medium-sized metro, local core, and convergence network layers. It provides robust service scheduling with 10G/20G capabilities and supports a wide range of low-level business services including E1/T1 and E3/T3. Designed for flexibility and reliability, the system features comprehensive protection mechanisms and adaptive traffic engineering to ensure end-to-end network survival and dynamic bandwidth allocation.

Deployment Suitability

Small and medium sized metro, local core layer, and convergence layer networks

Optical Interfaces

Maximum Optical Interface Support

12 ports

STM-64 Interfaces

54 ports

STM-16 Interfaces

72 ports

STM-4 Interfaces

Network Features

Protection & Recovery

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

Ethernet Functionality

Layer 2 Switching, Virtual Concatenation, LCAS, VLAN, QinQ, Embedded RPR, MPLS

Compatibility & Planning

Supported Interfaces

10GE • GE • FE • E1

Supported Planning System

OTNPlanner network planning software