

8x8 All-Optical Network Switch Module

This 8x8 all-optical network switch module is a compact, high-performance, ultra-low power, fully non-blocking matrix switch. The customer configurable single-sided switch design allows any of the 8 ports to be connected to any other ports.



Overview

High-Performance 8x8 All-Optical Matrix Switch

This 8x8 all-optical network switch module is a compact, high-performance solution featuring an ultra-low power, fully non-blocking 'any-to-any' matrix design. Its unique single-sided architecture allows any of the 8 ports to connect to any other, enabling flexible interconnection architectures impossible with traditional symmetric switches. Designed for demanding OEM applications, it offers exceptional optical reliability with fast switching speeds and minimal signal loss.

Key Features



Compact design optimized for low insertion loss and high data transmission rates.

Main Features

- Low Insertion Loss
- Wide Wavelength Range
- Low Crosstalk
- High Stability and Reliability
- Epoxy-free Optical Path
- Latching and Non-latching options

Technical Specifications



High-performance optical switch module designed for efficient signal routing in telecommunications and data centers.

Port Configuration

8 Ports

Input Ports

8 Ports

Output Ports

Performance Parameters

Parameter	Unit	Specification
Wavelength Range	nm	650~1310 / 1260~1670
Switch Type	N/A	Non-blocking Matrix
Optical Path	N/A	Epoxy-free

Wavelength Range (Low) 650nm – 1310nm

Wavelength Range (High) 1260nm – 1670nm

Applications

Target Applications

Metropolitan Area Network, Laboratory R&D, System Monitoring, Configurable OADM, OEM Applications

Compliance



All modules are RoHS compliant and meet international quality standards for optical networking.

Compliance & Standards

RoHS Compliant • IAF • CNAS