

8+1 Channel CWDM Mux/Demux Module

This passive optical device multiplexes and demultiplexes up to eight optical signals with different wavelengths onto a single fiber. It features low insertion loss and high channel isolation.



Product Overview

High-Performance CWDM Solution

This 8+1 channel CWDM Mux/Demux module is a passive optical device engineered to multiplex and demultiplex up to eight distinct optical signals onto a single fiber strand. Utilizing advanced thin-film coating technology and non-flux metal bonding, it ensures low insertion loss, high channel isolation, and superior stability. This module is an ideal, cost-effective solution for expanding bandwidth in telecommunication networks, metropolitan area networks (MANs), and enterprise infrastructure.

Technical Specifications

Key Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- High Stability and reliability
- Epoxy-free on Optical Path

Channel Configuration

9 channels

Supported Wavelengths

1470nm, 1490nm, 1510nm, 1530nm, 1550nm, 1570nm, 1590nm, 1610nm, 1630nm

Applications

Supported Applications

Gigabit & 10G Ethernet • SDH/SONET • ATM • ESCON • Fibre Channel • FTTx • CATV

Network Usage

- Access Network
- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical amplifier

Packaging Options

Available Form Factors

- ABS box package
- LGX package
- 19" 1U rackmount