

CWDM Mux Demux Module

This module is designed for multiplexing and demultiplexing optical signals with different wavelengths onto a single fiber. It enables bidirectional communication over a single fiber, increasing bandwidth capacity and reducing fiber infrastructure costs.



Product Overview

High-Performance CWDM Mux Demux Solution

These Coarse Wavelength Division Multiplexing modules are engineered for multiplexing and demultiplexing optical signals with different wavelengths onto a single fiber. Designed for reliable performance in demanding environments, they feature low insertion loss and high channel isolation. This solution enables bidirectional communication over a single fiber, effectively increasing bandwidth capacity while reducing overall fiber infrastructure costs.

Technical Features

Key Features

- Low insertion loss
- High channel isolation
- Low polarization dependent loss
- Exceptional reliability and stability
- Broad passbands

Channel Options

4 Channels, 8 Channels, 16 Channels

Performance Metrics

Performance Highlights

16 ch

Max Channels

Applications

Primary Applications

Access networks • Metro WDM systems • Enterprise networks • CATV • Data centers

Compatibility

System Compatibility

Compatible with uncooled lasers and standard CWDM transceivers.