

# 100GHz DWDM Multiplexer Module

This 100GHz dense wavelength division multiplexer (DWDM) utilizes thin film coating technology and proprietary design for optical add and drop at the ITU wavelengths. It provides ITU channel center wavelength, low insertion loss, high channel isolation, wide pass band, and low temperature sensitivity.



## Overview

### High-Performance DWDM Multiplexer

This 100GHz dense wavelength division multiplexer (DWDM) module utilizes advanced thin-film coating technology and non-flux metal bonding micro-optics packaging. Designed for high-capacity telecommunication networks, it ensures reliable optical add and drop functionality at ITU wavelengths. The module features an epoxy-free optical path, providing superior stability, low insertion loss, and high channel isolation for demanding fiber optic environments.

## Key Features

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- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy-free optical path

## Applications

### Typical Applications

Channel Add/Drop, DWDM Network, Wavelength Routing, Fiber Optical Amplifier, CATV Fiberoptic Systems

## Performance Specifications

### Channel Configuration

Configuration	Mux/Demux Support
4 Channel	Mux & Demux
8 Channel	Mux & Demux
16 Channel	Mux & Demux

### Channel Grid Standard

ITU 100GHz Grid