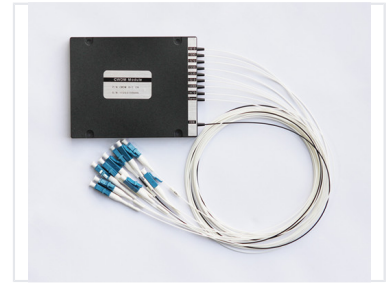


8+1 Channel CWDM Mux/Demux Module

This CWDM Mux/Demux unit suits various applications and network solutions. The coarse wavelength division multiplexer utilizes thin film coating technology and a non-flux metal bonding micro optics packaging design.



Overview

8+1 Channel CWDM Mux/Demux Module

The 8+1 Channel CWDM Mux/Demux Module is a passive optical device designed to increase network capacity by multiplexing multiple wavelengths over a single fiber. It utilizes advanced thin-film coating technology and non-flux metal bonding to ensure low insertion loss, high channel isolation, and superior thermal stability. This module supports a wide range of applications including Ethernet, SDH/SONET, and FTTx, providing a reliable, epoxy-free solution for demanding telecommunication and data center environments.

Key Features

Key Features

Low Insertion Loss, Wide Pass Band, High Channel Isolation, High Stability, Epoxy-Free Optical Path

Applications

Applications

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

Technical Performance

Performance Specifications

Parameter	8+1-CH Mux	8+1-CH Demux
Channel Wavelength (nm)	1270-1610 or 1271-1611	1270-1610 or 1271-1611
Center Wavelength Accuracy (nm)	± 0.05	± 0.05
Channel Spacing (GHz)	20nm	20nm
Channel Passband (@-0.5dB) (nm)	>13	>13