Optospan

PREMIUM CWDM MULTIPLEXER/DE-MULTIPLEXERS

Model# CWDM-T16SXL-000 — Technical Specifications

Series Highlights

Complete Line Of CWDM / DWDM / OADM

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Full Line of Compatible OptoSpan Transceivers Available

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Included Expansion Ports For Bandwidth Upgrade

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Up to10 Gbit/s Per Channel

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Metro Distance, Up to 120 km

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Passive Devices Require No Power Supply

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Full Protocol Transparency

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Customized WDM Solutions Available

Regulatory Compliance

- Telcordia GR-1221 and
- GR-1209
- ITU-T G.694.2

CWDM-T16SXL-000

**8 Channel expansion CWDM Mux/Demux bi-directional
1290nm, 1310nm, 1330nm, 1350nm, 1370nm, 1390nm, 1410nm, 1430nm**

Introduction

OptoSpan CWDM-T16SXL-000 system provides the most robust and low-cost bandwidth upgrade for your current fiber optic communication networks.

All our CWDM systems are based on thin film filter technology and metal bonding micro optics packaging. OptoSpan provides high quality CWDM with flat channel bandwidth, flexible channel configuration, low insertion loss and high isolation. All OptoSpan products are epoxy-free in the optical path.

Each CWDM-T16SXL-000, combined with CWDM-T08SUL-000, can transmit and receive up to 16 connections of different standards, data rates or protocols over one single fiber optic link without disturbing each other. Each CWDM module supports ESCON, ATM, Fibre Channel, and Gigabit Ethernet over each port.

OptoSpan's CWDM components provide an ideal balance of price and performance for multiplexing and de-multiplexing in Metro/Access networks. Our CWDM systems are designed to upgrade capacity easily as the system grows.

Due to its purely passive technology, the premium CWDM series is well suited for building highly reliable and maintenance-free backbone architecture.

Features

- Low Insertion Loss
- High Channel Isolation
- Epoxy-Free Optical Path

Applications

- Metro-Core, Metro-Access and Enterprise Networks
- Enterprises with Fiber Infrastructure
- Networks requiring ATM, Escon, Fibre Channel & Gigabit Ethernet Simultaneously
- Mirroring/Replicating data to Disaster Recovery Sites

Ordering

- **Part# CWDM-T16SXL-000 -** 8 Channel expansion CWDM Mux/Demux bi-directional 1290nm -1430nm
- **Part# R-WDM-19 -** 19" Rack Mount Kit for two WDM modules (includes one blank plate)
- High Speed OptoSpan Optical Transceivers & Fibre Optic Cables Required