

# CWDM System Chassis



**Model CL-2500**

CL-2500 System Chassis is a Card Cage combined with a built-in WDM or CWDM optical trunking multiplexer that supports up to 4 CWDM wavelengths or Simplex or Duplex optical signals over one strand of the fiber. The CL-2500 employs separate optical channels for each optical link, which enhances network security by completely isolating each channel.

The CL-2500 houses modules, which access the internal CWDM fiber system. It has easy-to-read diagnostic LED's for LAN and WAN port's optical link status. Moreover it has an SNMP option for remote monitoring. The CL-2500 uses standard SC or SC/APC fiber optic connectors.

## Features

- Two or Four Full Duplex Signals over one Fiber
- Hot Swap modules
- Hot Swap, Load Sharing Power Supplies
- Power Supply: 110V AC, 220V AC or -48V DC
- 20-110km Transmission Range
- 1 or 2 Fiber strand transmission

## Available Modules

- Gigabit Ethernet TX to LX
- Gigabit Ethernet SX to LX
- Dual Gigabit Ethernet SX to LX
- 30 Mbps - 2.7 Gigabit Programmable Repeater
- IF Frequency Digitizer
- Video/Audio Multiplexer
- DVB-ASI: 1Channel, 2 Channel
- DS1, DS3, OC3, E3
- Fast Ethernet

## Model Selection

<b>CL-2500CC-CWDM-2PS-1S-SCA-0</b>	CWDM Card Cage, 2 PortSimplex, 1310, 1510-1570nm, Single Fiber, SC/APC Connector
<b>CL-2500CC-CWDM-4PD-1S-SCA-0</b>	CWDM Card Cage, 4 PortDuplex, 1310, 1470-1610nm, Single Fiber, SC/APC Connector
<b>CL-2500CC-CWDM-8SD-1S-SCA-0</b>	CWDM Card Cage, 8 PortSimplex, 1470-1610nm, Single Fiber, SC/APC Connector

## Example Application



## Specifications

<b>Standards</b>	19" Rackmount Card Cage, 2U High
<b>Network Media</b>	RJ-45, (Optional SNMP Monitoring Port)
<b>LED Indicators</b>	PS1 Power, PS2 Power
<b>Dimensions</b>	430mm x 254mm x 89mm
<b>Environment</b>	Operating temperature: 0°C to 50°C Storage temperature: -20°C to 70°C Operating humidity: 10% to 90% RH Storage humidity: 5% to 90% RH
<b>Input Power Requirements</b>	Voltage: 110/240V Auto-sense Internal Power, Optional Redundant, Load Sharing -48V DCSupplies
<b>Regulatory Compliance</b>	FCC Part 15 Class A, CE, UL, CUL, TUV