



8 CHANNEL PREMIUM CWDM MUX/DEMUX CWDM-T08SUL-031

**8 Channel expansion
CWDM Mux/Demux**

OptoSpan CWDM-T08SUL-031 8-Channel CWDM Multiplexer/Demultiplexer expansion is a high performance integrated system that combines eight ITU-T G.694.2 Coarse Wavelength-Division Multiplexing (CWDM) wavelengths into a composite signal during transmit. During receive, the system separates a composite signal into eight individual wavelengths.

Each CWDM-T08SUL-031 can be operated independently or combined with a CWDM-T08SUL-000 to transmit and receive up to 16 connections of different standards, data rates or protocols over one single fiber optic link.

FEATURES

- Low Insertion Loss
- High Channel Isolation
- Epoxy-Free Optical Path
- 8 Channels: 1290nm - 1430nm
- Compatible OptoSpan Transceivers Available
- Included Expansion Ports For Bandwidth Upgrade

APPLICATIONS

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

REGULATORY COMPLIANCE

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

OPTICAL SPECIFICATIONS

Parameter	Typical Value	Parameter	Typical Value
Channel Number	8	Polarization Dependent Loss	<0.2 dB
Operation Wavelength Range	1260~1620nm	Power Handling	<500 mW
Central Wavelength	1291, 1311, 1331, 1351 1371, 1391, 1411, 1431	Operating Temperature	0°C~70°C
Channel Spacing	20nm	Test Temperature	25°C
Channel Pass Band	+/- 7 nm	Storage Temperature	-40°C~80°C
CWDM Ch Insertion Loss (Include Connectors)	<3.6 dB	Fiber Type	SMF-28
Adjacent Channel isolation	>30 dB	Fiber protection	900 um Loose tube
Non-Adjacent Channel isolation	>40 dB	Connector Type	LC/UPC
Directivity	>50 dB	Standard Box Dimensions (L*W*H)	LGX BOX (180x158x44 mm)
Return Loss (Includes Connectors)	>45 dB		