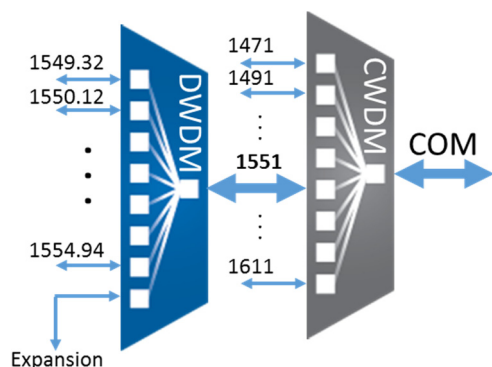
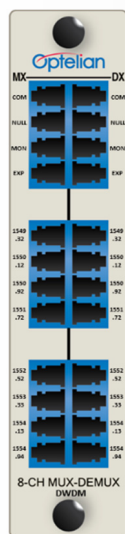




# 8-Channel DWDM MUX-DEMUX

## Hybrid CWDM-DWDM Capacity Expansion

The 8-Channel DWDM MUX-DEMUX module provides multiplexing and demultiplexing for up to 8 DWDM wavelengths in a single-wide LGX™ module. All wavelengths fall within the passband of a 1551 nm CWDM channel, allowing the module to be used in hybrid CWDM-DWDM applications to increase the number of wavelength circuits. Integrated 2% monitor ports allow for easy installation and troubleshooting, and integrated expansion ports allow additional DWDM wavelengths to be added in-service. The module is compatible with Optelian CMS mounting shelves, and can be used in extended temperature range applications.



### Specifications

Parameter	Value
Operating temperature	-40°C to 65°C (-40°F to 149°F)
Connectors	LC/UPC
Dimensions (H x W x D)	10.2 x 2.8 x 15.5 cm (4.0 x 1.1 x 6.1 in.)
Channel passband	0.22 nm

### Insertion Loss

Channel	1	2	3	4	5	6	7	8	Exp
MUX (dB)	1.3	1.7	2.1	2.6	3.0	3.4	3.9	4.3	3.9
DEMUX (dB)	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.3	3.9
Wavelength (nm)	1549.32	1550.12	1550.92	1551.72	1552.52	1553.33	1554.13	1554.94	~

### Ordering Information

Part Number	Description
1031-9500	8-CH DWDM, MUX-DMX, CH 25-32, LGX 1-WIDE, 2% MON, EXP

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