



LGX™ High Density 8 Channel MUX-DEMUX

CWDM Passive Multiplexing

Optelian's LGX solution offers standardized passive multiplexing capabilities to address CWDM applications.

General Specifications

Parameter	Description
Operating Temperature	-40°C to 65°C (-40°F to 149°F)
Relative Humidity (Non-condensing)	5 to 95%
Dimensions (H x W x D)	10.2 x 2.8 x 15.5 cm (4.0 x 1.1 x 6.1 in.)

This module comes standard with LC/PC connectors.

CWDM Loss Specifications

Type	Losses (MUX: Ch. add to COM / DMX: COM to Ch. drop)									
	Channel	1	2	3	4	5	6	7	8	1310
8-channel MUX		1.8	2.1	2.5	2.8	3.2	3.6	3.9	4.3	1.4
8-channel DEMUX		4.3	3.9	3.6	3.2	2.8	2.5	2.1	1.8	1.4
Wavelength (nm)		1471	1491	1511	1531	1551	1571	1591	1611	1310

This module offers a 2.5% bidirectional monitor port with 20 dB insertion loss.

This module includes a 1310 nm port for legacy network overlays.

Ordering Information

Part No.	Description
1022-1829	8 CH CWDM, MUX-DMX, 1471-1611 nm, LGX 1-wide, 1310 nm, 2% monitor

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