

## LC-SFPMM-2 1.25Gbps LC Multimode SFP Module 2km

### Features

- Operating data rate up to 1.25Gbps
- 1310nm FP Laser Transmitter
- Single 3.3V Power supply
- Duplex LC Connector Interface
- Hot Pluggable
- Up to 2km over 50/125 multimode fiber
- Operating temperature of 0°C ~ +70°C
- Complies to the SFP MSA standards.



### Applications

- Gigabit Ethernet
- Fiber channel
- Switch to switch interface
- High speed I/O for file servers



### Description

The LC-SFPMM-2 multimode SFP module uses duplex LC type connectors and is designed to be used in the LC-MCGSFP Gigabit media converter. It has a maximum transmit distance of 2km over 50/125 multimode fiber using a 1310nm wavelength laser source. This device also complies with the SFF-8472 SFP Multi-source Agreement (MSA) specification, so it can be used in any media converter that will accept standard SFP modules.

### Regulatory Compliance

Feature	Standard	Performance
Electrostatic Discharge (ESD) to the Electrical Pins	MIL-STD-883E Method 3015.7	Class 1(>500 V) Isolation with the case
Electromagnetic Interference (EMI)	FCC Part 15 Class B	Compliant with standards
Laser Eye Safety	FDA 21CFR 1040.10 and 1040.11 EN60950, EN (IEC) 60825-1,2	Classified as a Class 1 laser product. Compatible with TjV standards
Component Recognition	UL and CUL	UL file E317337
Green Products	RoHS	RoHS6 Compliant

### Recommended Operating Conditions

Parameter	Symbol	Min.	Max.	Unit
Voltage	Vcc	3.15	3.45	V
Operating Relative Humidity	-	5	95	%
Storage Temperature	Ts	-40	+85	°C
Operating Temperature	Top	0	+70	°C

Ordering Chart

LC-SFPMM-2	SFP Module Multimode Duplex LC (1310nm) transmits up to 2km
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Diagram

