

## LC-SFPSM-60 / -80 1.25Gbps LC Single Mode SFP Module 60km / 80km

### Features

- Operating data rate up to 1.25Gbps
- 1550nm FP Laser Transmitter
- Single 3.3V Power supply
- Duplex LC Connector Interface
- Hot Pluggable
- Up to 80km over 9/125 single mode 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-SFPSM **60/80** series of SFP modules use duplex LC type connectors and are designed to be used in the LC-MCGSFP Gigabit media converter. Two options are available providing distances of 60km or 80km over 9/125 single mode fiber using a 1550nm wavelength laser source. These devices also comply with the SFF-8472 SFP Multi-source Agreement (MSA) specification, so they can be used in any media converter that will accept standard SFP modules.

### Regulatory Compliance

Feature	Standard	Compliance
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	Compatible 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 TÜV standards
Component Recognition	UL and CUL	UL file E317337
Green Products	RoHS	RoHS6

**Recommended Operating Conditions**

Parameter	Symbol	Min.	Max.	Unit
Storage Temperature	T <sub>S</sub>	-40	+85	°C
Power Supply Voltage	V <sub>CC</sub>	3.15	3.3	3.45
Power Supply Current	I <sub>CC</sub>		300	mA

**Ordering Chart**

<b>LC-SFPSM-60</b>	SFP Module Single mode Duplex LC (1550nm) transmits up to 60km
<b>LC-SFPSM-80</b>	SFP Module Single mode Duplex LC (1550nm) transmits up to 80km

**Diagram**

