

# Cisco GLC-SX-MM Datasheet

For Informational Purposes Only

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## Cisco GLC-SX-MM SFP, Duplex, 1Gbps, 500m, 7.5dB, MMF, 850nm

### GLC-SX-MM Features

- Cisco 1000BASE-SX Ethernet SFP
- Up-to 500m over MMF @ 1Gbps
- 850nm Duplex SFP Transceiver
- 0°C - 70°C Operating Case Temperature
- No Digital optical monitoring capability
- Hot-swappable for SFP LC ports
- 2-year standard warranty
- Cisco SFP can be covered by SMARTnet
- SFP MSA / IEEE Std 802.3
- Cisco GLC-SX-MM is RoHS compliant



### Applications

- 1000BASE-SX Ethernet
- Gigabit Ethernet

### Description

The Cisco GLC-SX-MM 1000BASE-SX Ethernet transceiver is a Duplex SFP transceiver for optical communications, rated for distances up to 500m and a maximum bandwidth of 1Gbps. The GLC-SX-MM transceiver operates at 850nm wavelength.

The 1000BASE-SX SFP, compatible with the IEEE 802.3z 1000BASE-SX standard, operates on legacy 50  $\mu\text{m}$  multimode fiber links up to 550 m and on 62.5  $\mu\text{m}$  Fiber Distributed Data Interface (FDDI)-grade multimode fibers up to 220 m. It can support up to 1km over laser-optimized 50  $\mu\text{m}$  multimode fiber cable.

### Optical Specifications

<b>Power Budget (dB)</b>	7.5	<b>Transmit Power (dBm)</b>	Min: -3 Max: -9.5	<b>Receive Power (dBm)</b>	Max: 0 Min: -17
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