

# Multimode 1.25G 850nm

---

## Variants

100M MM 550M MM

## Details

# 1.25G SFP Multimode 850nm 550m LC Optical Transceiver

The **1.25G SFP Multimode Optical Transceiver** is a high-performance and hot-pluggable fiber optic module designed for **Gigabit Ethernet**, enterprise networking, ISP infrastructure, and data center applications.

Operating at **850nm wavelength**, this SFP module supports transmission distances up to **550 meters** over multimode fiber and uses a **Duplex LC connector** for stable and reliable optical connectivity.

## Key Features

Supports 1.25Gbps Gigabit Ethernet transmission
850nm multimode optical transmission
Transmission distance up to 550 meters
Duplex LC optical connector
Hot-pluggable SFP form factor
Compatible with OM2, OM3, and OM4 multimode fiber
Low power consumption design

Suitable for switches, routers, OLTs, and networking equipment

## Technical Specifications

Category	Specification
<b>Product Type</b>	1.25G SFP Optical Transceiver
<b>Application</b>	Gigabit Ethernet (1000BASE-SX), ISP, Data Center, Enterprise
<b>Form Factor</b>	SFP (Hot-pluggable)
<b>Data Rate</b>	1.25 Gbps
<b>Wavelength</b>	850 nm
<b>Transmission Distance</b>	Up to 550 m
<b>Fiber Type</b>	Multimode Fiber (50/125 $\mu$ m, OM2 / OM3 / OM4)
<b>Connector Type</b>	Duplex LC
<b>Optical Interface</b>	Duplex Fiber
<b>Power Supply</b>	3.3 V
<b>Power Consumption</b>	Low Power Design
<b>Compatibility</b>	1000BASE-SX Ethernet
<b>Compliance</b>	CE, FCC, RoHS

## Applications

Gigabit Ethernet Networks

Data Center Connectivity

Enterprise Fiber Networks

ISP Network Infrastructure

Switch-to-Switch Fiber Links

Router and Server Fiber Connections

**Note:** Use high-quality multimode patch cords and clean LC connectors properly for stable optical performance and lower transmission loss.