Multimode 1.25G 850nm

Variants

1G Multimode 100M 1G Multimode 550M

Details

The **1.25G SFP Multimode Optical Transceiver** is a high-performance, hot-pluggable optical module designed for Gigabit Ethernet applications. Operating at **850nm wavelength**, it supports transmission distances up to **550 meters** over multimode fiber and provides reliable optical connectivity for enterprise networks, ISPs, data centers, and telecom infrastructure.

Featuring a standard **SFP form factor** and **Duplex LC interface**, this module offers excellent compatibility with switches, routers, media converters, OLTs, and other networking equipment supporting 1000BASE-SX Ethernet standards.

Data Rate	**1.25 Gbps**
Wavelength	**850nm**

Distance

550m

Connector

Duplex LC

Key Features

? Supports 1.25Gbps Gigabit Ethernet Transmission

? 850nm Multimode Optical Technology

? Transmission Distance up to 550m

? Duplex LC Optical Interface

? Hot-Pluggable SFP Form Factor

? Compatible with OM2, OM3 & OM4 Fiber

? Low Power Consumption Design

? Suitable for Enterprise & Data Center Networks

Technical Specifications

Category	Specification
Product Type	1.25G SFP Optical Transceiver

Category	Specification
Application	Gigabit Ethernet (1000BASE-SX), ISP, Data Center, Enterprise
Form Factor	SFP (Hot-Pluggable)
Data Rate	1.25 Gbps
Operating Wavelength	850 nm
Transmission Distance	Up to 550 m
Fiber Type	Multimode Fiber (OM2 / OM3 / OM4)
Fiber Size	50/125 µm
Connector Type	Duplex LC
Optical Interface	Duplex Fiber
Power Supply	3.3V DC
Power Consumption	Low Power Design
Ethernet Standard	1000BASE-SX
Compliance	CE, FCC, RoHS

Applications

- Gigabit Ethernet Networks
- Data Center Connectivity

Enterprise Fiber Networks

ISP Network Infrastructure

Switch-to-Switch Fiber Links

Router & Server Fiber Connectivity

Note:
For optimal performance, use high-quality OM2, OM3, or OM4 multimode fiber patch cords and ensure LC connector end-faces are properly cleaned before installation.

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