

# Multimode SFP 10G SR 850nm

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## Variants

300M

## Details

### Product Overview:

The SFP 10G 850nm 300m Multimode LC transceiver module offers high-speed and reliable connectivity solutions for data centers, enterprise networks, and other networking environments. With a data rate of 10 GB/s and a maximum reach of 300 meters over multimode fiber, this SFP module is ideal for short- to medium-range connections. The LC connectors ensure easy and secure installation, while the compact form-factor allows for hot-swappable functionality, making it convenient for network upgrades and maintenance.

### Features:

Data Rate: 10 GB

Wavelength: 850nm

Maximum Reach: 300m

Fiber Type: Multimode

Connector Type: LC

Hot-swappable design for easy installation and maintenance

Compact form-factor (SFP) for space-saving deployment

High-speed and reliable connectivity for demanding networking applications

## Significations:

**Data Rate:** The speed at which data is transmitted, measured in gigabits per second (Gbps).

**Wavelength:** The specific color of light used for transmitting data through the fiber optic cable, measured in nanometers (nm).

**Maximum Reach:** The maximum distance that the transceiver module can reliably transmit data over the fiber optic cable, measured in meters (m).

**Fiber Type:** Indicates the type of fiber optic cable compatible with the transceiver module. In this case, it's multimode fiber.

**Connector Type:** Specifies the type of connector used for connecting the transceiver module to the fiber optic cable. LC connectors are commonly used in networking applications due to their compact size and reliable performance.

## Benefits:

**Reliability:** With DDM support, users can proactively manage transceiver performance to minimize downtime.

**Cost-Effective:** Reduces operating expenses due to low power consumption and efficient operation.

**Versatility:** Compatible with most 10G SFP+ enabled equipment, offering ease of integration into existing infrastructures.

## Specifications:

**Transmitter:** 850nm VCSEL (Vertical Cavity Surface Emitting Laser)

**Receiver:** PIN Photodiode

**Compliance Standards:** IEEE 802.3ae 10G Ethernet, SFF-8431, SFF-8432

**Power Consumption:** < 1.5W

**Temperature Range:** 0°C to 70°C

**Storage Temperature:** -40°C to 85°C

Ensure your network's performance and reliability with the SFP 10G 850nm 300m Multimode LC DDM Transceiver, offering high-speed transmission, real-time diagnostics, and robust compatibility for seamless integration into your infrastructure.