



TP-Link | TL-SM331T | 1000BASE-T RJ45 - SFP Module

Product Images



Description

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The TP-Link TL-SM331T 1000BASE-T RJ45 SFP Module is the ideal solution for businesses seeking to extend their network infrastructure with reliable and high-performance connections. Designed to support 1000BASE-T operations in host systems, this SFP module is compatible with up to 100 meters of UTP CAT5E or above cable, ensuring seamless data transmission across your network. Its hot-pluggable design allows for easy installation without interrupting network operations, making it perfect for dynamic and evolving business environments.

This module features low power dissipation, reducing operational costs while maintaining robust performance. Compliant with IEEE 802.3-2002 standards, it operates efficiently within a wide temperature range of 0-70°C, making it suitable for various commercial applications. The fully metallic enclosure minimizes electromagnetic interference (EMI), ensuring stable and reliable connectivity.

The TP-Link TL-SM331T SFP Module offers an efficient and reliable way to enhance your network's performance, making it an essential addition to any modern business infrastructure.

FEATURES

- **1000BASE-T Operation:** Supports high-speed data transfer in host systems
- **TX Disable Function:** Provides enhanced control over network operations
- **100m Reach:** Effective over UTP CAT5E or above cables
- **Hot-Pluggable:** Allows for easy installation and replacement without network downtime
- **Wide Operating Temperature Range:** Suitable for commercial environments from 0-70°C
- **Low Power Dissipation:** Efficient energy use with typical consumption at 0.5W

SPECIFICATIONS

- **Port Type:** LC Duplex
- **Wave Length:** 850nm
- **Data Rate:** 10Gbps
- **Max Cable Length:** 300 meters (50/125µm fiber) or 33 meters (62.5/125µm fiber)
- **Power Supply:** 3.3 V
- **Hot Swappable:** Yes
- **Supports Digital Diagnostic Monitoring (DDM):** Yes
- **Operating Temperature:** 0°C to 70°C
- **Safety & Emission Standards:** FCC, CE
- **Compliance:** IEEE 802.3ae, TCP/IP, SFF-8472

CONTENTS

- TL-SM331T Module
- Installation Guide

WARRANTY

[3-Year Manufacturer's Warranty](#)

