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TP-Link | TL-SM321A | 1000Base-BX WDM Bi-Directional SFP Module | LC connector

Product Images

Description

TP-Link | TL-SM321A |1000Base-BX WDM Bi-Directional SFP Module | LC connector

Experience high-speed, long-distance data transmission with TP-Link's TL-SM321A 1000Base-BX WDM Bi-Directional SFP Module. This advanced transceiver is designed to provide reliable and efficient connectivity over single-mode fiber, extending your network reach up to 20 km. Ideal for use in switches, routers, and servers, this module ensures fast and stable gigabit fiber

connections, enhancing your network performance. With features like Digital Diagnostic Monitoring (DDM) and hot-swappability, the TL-SM321A offers both convenience and reliability for demanding network environments.

The TL-SM321A module adopts the latest 1000Base-BX standard, ensuring compatibility and optimal performance with existing network infrastructure. Its bi-directional transmission capability allows for efficient data transfer, utilizing the LC Bi-Directional optical interface connector. This module supports real-time monitoring through DDM, providing critical information on transceiver parameters such as current, optical power, and temperature, ensuring optimal operation and maintenance.

Perfect for medium to long-distance fiber network applications, the TL-SM321A provides seamless integration and top-notch performance. Whether you're upgrading an existing network or deploying a new one, this module's robust features and specifications make it a reliable choice for achieving high-speed, long-distance connectivity.

FEATURES

- Adopts the latest 1000Base-BX standard
- Supports up to 20km transmission distance on single-mode fiber
- Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)
- Supports Digital Diagnostic Monitoring (DDM)
- Hot-swappable for easy installation and maintenance
- Integrated LC Bi-Directional optical interface connector
- Ensures reliable gigabit fiber connection
- Ideal for use with switches, routers, and servers
- Provides real-time monitoring of transceiver parameters
- Enhances network performance and reliability

SPECIFICATIONS

- **Port Type:** LC Simplex
- **Fiber Type:** Single-mode Fiber (9/125μm)
- **Data Rate:** 1.25Gbps
- **Wave Length:**
    - Tx: 1550nm
    - RX: 1310nm
- **Max. Cable Length:** 20km
- **Standards and Protocols:** IEEE 802.3z, TCP/IP
- **Power Support:** 3.3V
- **Operating Temperature:** 0˚C to 70˚C
- **Storage Temperature:** -40˚C to 85˚C
- **Safety & Emission:** FCC, CE

CONTENTS

- SFP Module TL-SM321A
- Installation Guide

WARRANTY

3-Year Manufacturer's Warranty

https://dataworld.com.au/product/tp-link-tl-sm321a-1000base-bx-wdm-bi-directional-sfp-module-lc-connector/

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