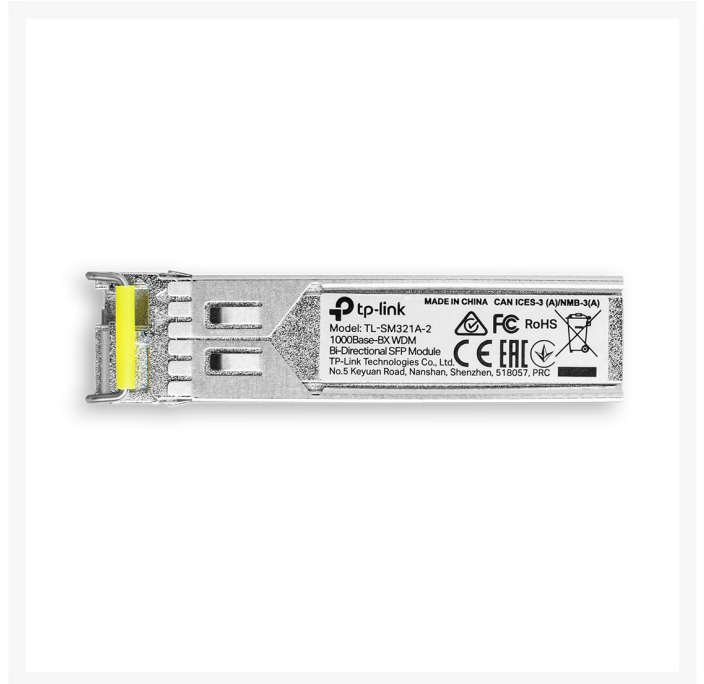




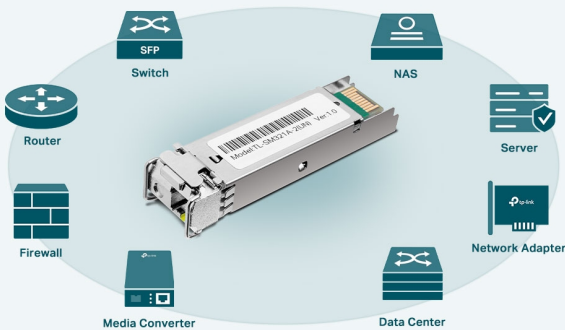
# TP-Link | TL-SM321A-2 | 1000Base-BX WDM Bi-Directional SFP Module | LC Connector

## Product Images



### Widely Application

Suitable for devices with SFP interface



# TP-Link | TL-SM321A-2 | 1000Base-BX WDM Bi-Directional SFP Module | LC Connector

Upgrade your network with the TP-Link TL-SM321A-2 1000Base-BX WDM Bi-Directional SFP Module, designed for high-speed data transmission over single-mode fiber. This advanced module supports a bi-directional data flow on a single fiber strand, making it an ideal solution for reducing network complexity and deployment costs. With a reach of up to 2km, the TL-SM321A-2 ensures stable and efficient connectivity, perfect for extending network infrastructure in both small and medium-sized business environments.

The TL-SM321A-2 is compliant with the latest 1000Base-BX standard and supports Digital Diagnostic Monitoring (DDM), allowing real-time monitoring of key parameters such as optical power, temperature, and supply voltage. This feature enhances network management and maintenance, ensuring optimal performance. Its hot-swappable design allows for easy installation and replacement without network disruption, providing maximum flexibility and uptime.

Ensure your network operates at peak performance with the TP-Link TL-SM321A-2. Its compatibility with a wide range of network devices, coupled with robust features, makes it a reliable and efficient choice for modern network infrastructures. Experience seamless, long-distance, high-speed transmission with this bi-directional SFP module.

## FEATURES

- Supports 1000Base-BX standard
- Bi-directional data transmission on a single fiber strand
- Up to 2km transmission distance over single-mode fiber
- Compatible with SFP Multi-Source Agreement (MSA)
- Supports Digital Diagnostic Monitoring (DDM)
- Hot-swappable for easy installation and maintenance
- Integrated LC Bi-Directional optical interface connector
- Provides reliable gigabit fiber connection
- Ideal for use with switches, routers, and servers
- 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:** 2km
- **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-2
- Installation Guide

# WARRANTY

3-Year Manufacturer's Warranty

