

TP-Link TL-SM311LS – Single Mode Gigabit Mini GBIC (SFP) Module

Product Overview

The TP-Link TL-SM311LS is a single mode Gigabit Mini GBIC (SFP) module designed for reliable long-distance fiber connectivity. It supports Gigabit Ethernet transmission over single-mode fiber, making it ideal for enterprise networks, service providers, and backbone connections.

Key Features

- Single mode fiber transceiver for long-distance links
- Supports Gigabit Ethernet speeds up to 1.25 Gbps
- Transmission distance up to 10 km
- LC duplex fiber connector
- Hot-swappable Mini GBIC (SFP) design

Technical Specifications

Specification	Details
Model	TL-SM311LS
Form Factor	Mini GBIC (SFP)
Fiber Type	Single Mode
Connector Type	LC Duplex
Data Rate	1.25 Gbps
Max Distance	Up to 10 km
Wavelength	1310 nm
Hot Swappable	Yes
Standards	IEEE 802.3z
Operating Temperature	0 °C – 70 °C
Certifications	FCC, CE, RoHS

Applications

- Enterprise fiber networks
- Data center uplinks
- Long-distance backbone connections
- Fiber-to-building deployments