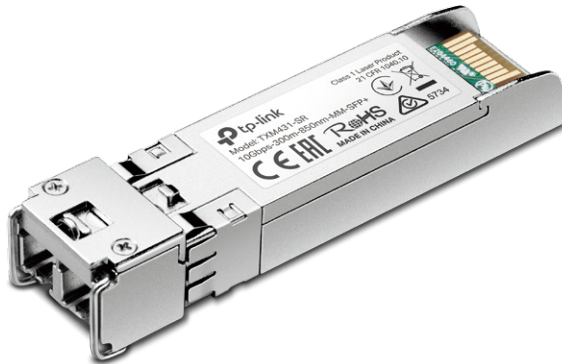


# 10GBase-SR SFP+ LC Transceiver Datasheet

MODEL: TXM431-SR



## Highlights

- Hot-Pluggable with Maximum Flexibility
- Drives 10 Gigabit Ethernet
- Multi-Mode SFP+ LC Transceiver
- Full-Duplex

## Overview

TP-Link's TXM431-SR is designed to extend transfer distances based on 10Gbps Ethernet connectivity. It provides a 10-times-faster speed than Gigabit Ethernet, which is very suitable for business needs like data center, enterprise wiring closet, and service provider transport applications. Moreover, it is hot-pluggable, which means that it can be added or removed without interrupting the network.

# Specifications

Standards and Protocols	IEEE 802.3ae, CSMA/CD, TCP/IP
Wave Length	850nm
Power Supply	3.3V
Fiber Type	50/125 um or 62.5/125 um Multi-Mode
Maximum Cable Length	300 m (50/125 um) 33 m (62.5/125 um)
Data Rate	10Gbps
Port Type	LC/UPC
Transmission Power	-1.0 dBm (Maximum) -7.3 dBm (Minimum)
Reception Power	-1.0 dBm (Maximum) -9.9 dBm (Minimum)
Sensitivity	-11.1 dBm
Safety and Emission	FCC, CE
Environment	Operating Temperature: 0°C-70°C (32°F-158°F) Storage Temperature: -40°C-80°C (-40°F-176°F) Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%-90% non-condensing

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