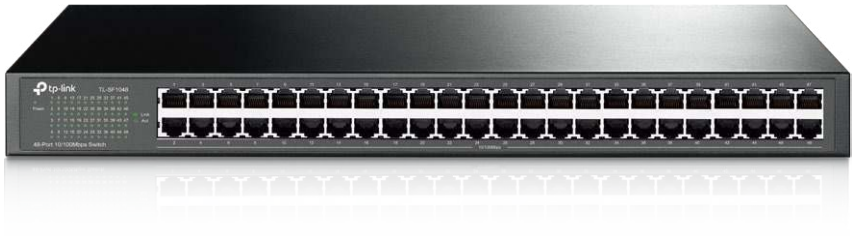
48-Port 10/100 Mbps Rackmount Switch

MODEL: TL-SF1048 Datasheet



Highlights

-48 10/100 Mbps RJ45 ports

-Innovative energy-efficient technology saves power

-Supports MAC address self-learning and auto MDI/MDIX

-Standard 19-inch rack-mountable steel case

Overview

The TL-SF1048 10/100 Mbps Switch is designed to meet the needs of the most demanding workgroup and departmental connectivity requirements. All 48 ports support auto MDI/MDIX, no need to worry about the cable type, simply plug and play. Moreover, with the innovative energy-efficient technology, TL-SF1048 can save power consumption and most packaging material can be recycled, making it an eco-friendly solution for your business network.

TP-Link Green Technology

This new generation TL-SF1048 10/100 Mbps Switch features the latest innovative energy-efficient technologies that can greatly expand your network capacity with much less power. It automatically adjusts power consumption according to the link status and cable length to limit the carbon footprint of your network. It also complies with the EU'S RoHS, prohibiting the use of certain hazardous materials. Besides, most packaging material can be recycled.

High Performance

Featuring non-blocking switching architecture, TL-SF1048 forwards and filters packets at full wire-speed for maximum throughput. And IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode alleviate the traffic congestion and make TL-SF1048 work reliably.

Easy to Use

The auto features of this Fast Ethernet switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (10, 100 Mbps) and intelligently adjusts for compatibility and optimal performance.

Specifications

Features & Performance

Product Picture	
Model	TL-SF1048
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
Forwarding Mode	Store and Forward
Interface	48*10/100Mbps RJ45 ports Auto Negotiation Auto MDI/MDIX
Switch Capacity	9.6 Gbps
MAC Address Table	8 K
Packet Forwarding Rate	7.14Mpps
Advanced Features	Green Technology 802.3x Flow Control
Max Power Consumption (220V/50Hz)	9.9W
LEDS	Power, 100Mbps, Link/Act
Power Supply	100-240V, 50/60Hz
Dimensions	17.3*7.1*1.7 in. (440*180*44 mm)
Certifications	CE, FCC, RoHS
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10% ~ 90%RH, non-condensing Storage Humidity: 5%~90%RH, non-condensing

Ordering Information

Product Model	Description
TL-SF1048	48-Port 10/100Mbps Rackmount Switch

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