



# 48-Port 10/100Mbps Rackmount Switch

TL-SF1048

## Overview

The TL-SF1048 10/100Mbps 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 up to 50%\* of the power consumption and 80% of the packaging material can be recycled, making it an eco-friendly solution for your business network.

**Green Technology**

- Saving power 50%
- Recyclable packaging material

**High Performance**

- IEEE 802.3x flow control
- Non-blocking switching architecture
- 9.6 Gbps Switching Capacity
- Store and forward
- Auto-MDI/MDIX
- Auto-negotiation
- MAC address auto-learning and auto-aging

**Easy to use**

- Plug and Play design
- Quiet/Fanless design



## 48-Port 10/100Mbps Rackmount Switch

### TL-SF1048

**TP-LINK Green Technology**

This new generation TL-SF1048 10/100Mbps 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, 80% of the 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, 100Mbps) and intelligently adjusts for compatibility and optimal performance.



- Details:<http://www.tp-link.com/support/Localesupport.asp>
- German/Austrian/Swiss users are not included

**Specifications:**

<b>Product Picture</b>	
<b>Model</b>	<b>TL-SF1048</b>
<b>Standards</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
<b>Network Ports</b>	48*10/100Mbps RJ45 ports
<b>Auto-Negotiation</b>	YES
<b>Auto MDI/MDIX</b>	YES
<b>Systems</b>	Windows 8/7/Vista/XP, Linux/MAC OS
<b>Forwarding Mode</b>	Store and Forward
<b>Switch Capacity</b>	9.6 Gbps
<b>MAC Address Table</b>	8 K
<b>Flow Control</b>	YES
<b>Fanless</b>	YES
<b>Power Saving</b>	Up to 50%
<b>LED</b>	Power, 100Mbps, Link/Act
<b>Dimensions</b>	440*180*44mm
<b>Operating Temperature</b>	0°C~40°C (32°F~104°F)
<b>Storage Temperature</b>	-40°C~70°C (-40°F~158°F)
<b>Operating Humidity</b>	10%~90% non-condensing
<b>Storage Humidity</b>	5%~90% non-condensing
<b>Ordering Information</b>	48-port 10/100Mbps Rackmount switch

\* Maximum power savings when compared to a TP-LINK conventional switch, the real saving rate may vary based on the usage condition.