



## **TE100-S86FX** **2-port 10/100Base-TX and 6-port 100Base-FX Switch with SC Connector**

TRENDnet's TE100-S86FX is a 2-port 10/100Base-TX and 6-port 100Base-FX Switch best for campus and networks that require greater distance than the standard 100 meters copper wire. Furthermore, it offers reliable, easy-to-use, and affordable LAN solution to meet an immediate network bandwidth demand. With unique Fast Ethernet Switching ASIC, TRENDnet's TE100-S86FX delivers the power of 100Mbps switching at a very economical price.



### FEATURES

- ...→ 10/100Mbps auto-negotiating and auto-sensing on the TX ports
- ...→ Supports half- and full-duplex modes on all the fiber ports (Dip-switch controlled)
- ...→ Supports store-and-forward
- ...→ Plug and Play
- ...→ Address filtering on all the ports
- ...→ Front panel LEDs for switch operation status and troubleshooting
- ...→ True non-blocking switch architecture
- ...→ Supports 1,024 MAC address entries per device
- ...→ Back pressure flow control for half duplex mode
- ...→ 5 Year Warranty

### BENEFITS

- ...→ **Performance:**  
Support the centralized fiber application.
- ...→ **Flexibility:**  
The TE100-S86FX seamlessly connects 10/100Base-TX and 100Base-FX.
- ...→ **Expandability:**  
Offers FX fiber ports for distance expansion for longer than 100 meters.
- ...→ **Compatibility:**  
Support all major network operating systems.
- ...→ **Reliability:**  
The TE100-S86FX/S88FX are dependable with 5 year warranty.

# TE100-S86FX

## 2-port 10/100Base-TX and 6-port 100Base-FX Switch with SC Connector

### SPECIFICATIONS

#### Standards:

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX/FX

#### Cable:

- 10Base-T 2-pair UTP CAT 3, 4, 5 up to 100 meters (328 ft.)
- 100Base-TX 2-pair UTP CAT 5 up to 100 meters (328 ft.)
- 100Base-FX 62.5/125 multi-mode fiber optics cable up to 2,000 meters (6,560 ft.)

#### Switching Method:

- Store-and-forward

#### Forwarding Rate:

- 14,880 pps for 10Mbps,
- 148,800 pps for 100Mbps

#### AC Input:

- 100-250VAC, 47-63Hz internal power supply

#### Power Consumption:

- 20W

#### Temperature:

- Operating: 0° to 40° C (32° to 104° F)
- Storage: -25° to 70° C (-13° to 158° F)

#### Humidity:

- 10 % to 90 % non-condensing

#### Dimensions:

- 440 x 205 x 45 mm (17.3 x 8 x 1.8 inches)

#### Weight:

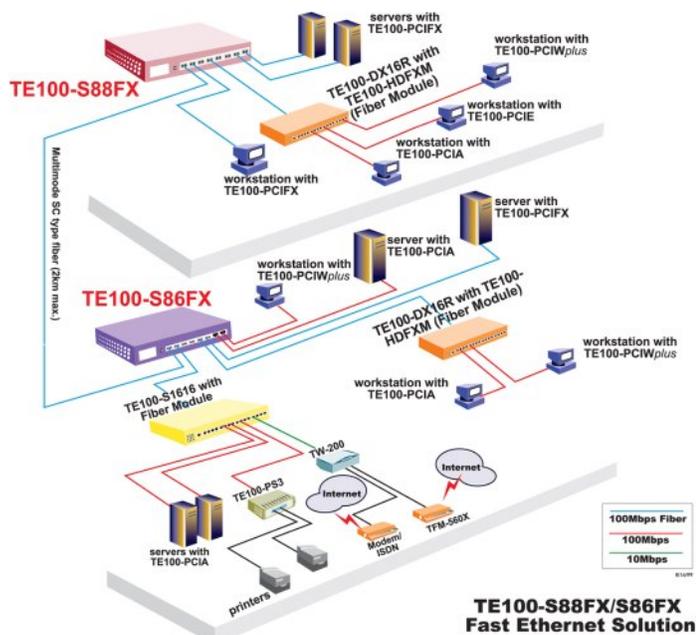
- 2,500 grams (5.5 lbs.)

#### Certifications:

- FCC, CE, VCCI, UL



### NETWORKING SOLUTIONS



### PRODUCT INFORMATION

- TE100-S86FX: 2-port 10/100Base-TX and 6-port 100Base-FX Switch with SC Connector
- TE100-S88FX: 8-port 100Base-FX Switch with SC Connector
- TE100-PCIFX: 100Base-FX Fast Ethernet Adapter for PCI
- TE100-TF: 100Base-TX to 100Base-FX SC-type Converter

### ORDERING INFORMATION

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