



SF-3004SC / VF:

4-Port 100Base-FX Fiber Switch

Key Features

- Plug & play design for SOHO applications requiring fiber connection
- Several models with different fiber connectors ..SC,ST,MT-RJ,VF-45 for multi-mode and SC single-mode
- Per port setting for half or full duplex

Overview

SF-3004 is a 4-port Fast Ethernet fiber optic switch that complies with IEEE802.3u and 802.3x 100Base-FX Standard. It is ideal for small workgroup to set up a 100Base-FX network and is ideal for up to four distant 100Base-TX networks to be linked together over fiber optic cable. SF-3004ST is equipped with ST connectors while. SF-3004SC is equipped with SC connectors. SF-3004MT is equipped with MT-RJ small form factor fiber optic connector. The maximum cable length can be up to 2Km in full-duplex mode for multi-mode fiber cable and 20Km for single-mode fiber cable.

Each port is equipped with Link/Activity, 100Mbps and Full-duplex/Collision diagnostic LEDs. Power LED clearly indicates the status of electric power. Each port is switch selectable for full-or half-duplex.

Technical Specifications

- **Standard:** IEEE802.3u and 802.3x 100Base-FX

• Network Interface:

SF-3004ST: Four 100ST fiber ports

SF-3004SC: Four 100SC fiber ports

SF-3004MT: Four 100MT-RJ fiber ports

• Cable and Maximum length:

FX(Fiber)	50/125, 62.5/125 or 100/140µm multi-mode, up to 2Km
	8.3/125, 8.7/125, 9/125 or 10/125µm single-mode, up to 20Km

- **Transmission Mode:** Full or Half-duplex
- **Transmission Speed:** 100Mbps for fiber ports
- **Transmission Method:** Store and Forward switching
- **MAC Address and Self-learning:** up to 12K
- **Buffer Memory:** 1024KB for 4 ports
- **Packet forwarding/filtering Rate:** 148,800 packets /sec full wire rate on 100Mbps forwarding and filtering
- **Flow control:** IEEE802.3x compliant for full-duplex
Back pressure flow control for half-duplex
- **Selectable FX Switch:** FDX / HDX dip switch per fiber port
- **Diagnostic LED:** System LED: Power
Per Port LED: Link/Act, 100Mbps, FDX/Col
- **Power Requirement:** AC Line
Voltage: 100~240VAC
Current: 4.0~ 2.0A
Frequency: 50 ~60Hz
- **Ambient Temperature:** 0 to 50°C
- **Humidity:** 5% to 90%
- **Dimensions:** 45(H) x 330(W) x 230(D)mm
- **FCC Part 15 Class A & CE Mark**

