

QuickSwitch® 4185 Fiber Optic SC Duplex, Multimode Switch / Converter

- Provides Fiber Optic Link Backup, Password Protected.

INTRODUCTION

QuickSwitch® 4185 Fiber Optic Switch / Converter allows the user the capability of accessing two separate fiber optic 100 Base FX ports (ports A and B) from a 100 Base TX Fast Ethernet port (COMMON port). The fiber optic / twisted pair copper conversion is built in! The unit is fully compliant with the 802.3u 100 Base T X/FX standard.

Ports A and B are 1300nm, SC Duplex, Multimode, 100 Base FX fiber optic ports. The COMMON port is a 100 Base TX Fast Ethernet port. The selected fiber optic port will convert and pass data to and from the 100 Base TX COMMON port.

A front panel pushbutton changes the switch position. Switch position status is displayed on front panel LEDs.

The unit also includes an RS232 serial security enhanced Supervisory Remote Port. A terminal or computer in terminal mode connected to this port can communicate with the unit, determine its status, change the switch position as desired, and/or lockout front panel switching capability.

A modem can also be connected to this port for remote access to the switch. An optional graphical user interface (GUI) software is also available for use with a computer running Windows operating system.



FEATURES:

- Access any one of two separate SC Duplex fiber optic networks from one 100Base-T Fast Ethernet line.
- High speed internal data interface conversion circuitry allows Fiber Optic-to-Copper network interconnection.
- Bit-rate and data transparent.
- All fiber ports are SC Duplex, Multimode, 62.5/125 micron and support a wavelength of 1300 nm.
- Local control via front-panel pushbutton.
- The remote port accepts RS232 Serial Data commands for switch position control and monitoring.
- **Secure Setup/Configuration access limited by password protection.**
- Front panel pushbutton control can be locked out, remotely.
- Front-panel LED's display switch position and power status.
- Custom length rigorously tested and certified SC duplex fiber optic cables available for your switch installation.
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

SPECIFICATIONS:

PORT CONNECTORS: (2) SC Duplex fiber optic connectors labeled A and B. (1) RJ45 100Base-TX COMMON.

FIBER OPTIC INTERFACE: Wavelength 1300nm, speed 100 MBPS, multimode fiber, full duplex, Fiber Size 62.5/125 micron.

FRONT PANEL CONTROL: (1) pushbutton to select port A or B.

DISPLAY: (2) Red LED's display switch position and power status.

SUPERVISORY REMOTE: (1) DB9 female connector on rear panel accepts ASCII RS232 Serial Data for Remote operation..

POWER: UL approved 115 VAC, 60 Hz wall mount power module supplies 12 VDC, 500 mA to the unit.

DIMENSIONS: Desktop: 7.5"W x 2.0"H x 7"D. (19.1 x 5.1 x 17.8 cm)

WEIGHT: Approx. 2.8 lbs. (1.3 Kg)

