Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 4199 Gigabit Fiber Optic A/B/C/D Switch/Converter, SC Multimode, Mirror Switch

QuickSwitch® 4199 Features

- Optical Scalability
- Bit-Rate Transparent
- Service/Protocol Transparent
- Supports the sharing of a single Gigabyte Ethernet Cat 5e RJ45 COM Port or device among four SC Duplex fiber optic interface devices or networks, 62.5 μm.
- A/B/C/D ports are completely isolated from each other during switching, providing safe and secure environment.
- Local switching is accomplished by depressing any of the pushbuttons located on the front panel of the unit, A, B, C, D.
- LED indicators on the front panel display the switch position and power status
- No Remote control
- Wavelength: 1300 nm
- Desktop Style Chassis: 3.5" H x 16.75 W x 8" D.
- Rackmount Configuration optionally available.

Model 4199 illustrated as rackmount.

QuickSwitch® 4199 Introduction

QuickSwitch® 4199 Gigabyte Fiber Optic A/B/C/D Switch Converter, Multimode, all optical switch is designed with fiber optic mirror technology. The signal is received by the unit as optical signal over the fiber strand, is redirected by mirror mechanisms, and leaves the unit as an optical signal over a fiber strand (OOO).
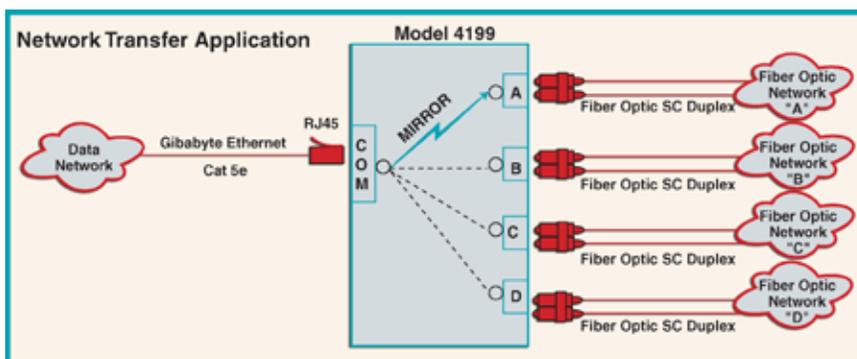
The Model 4199 alows a Cat 5e device connected to the unit's COMMON connector to access any of the four fiber optic networks connected the A, B, C, or D ports. Switch position can be changed via A/B/C/D front panel pushbuttons.

QuickSwitch® 4199 Operation

QuickSwitch® 4199's SC Duplex ports are transparent to all data. Each A, B, C and D pushbutton corresponds to a rear-panel fiber connector. Corresponding front-panel LEDs indicate the switch position.

The Model 4199 has Switch Position Memory. If power is lost to the *QuickSwitch®* 4199 the switch will decouple all fiber optic connections in and out of the unit and will not pass data. When power returns to the unit, the *QuickSwitch®* will return to it's last position.

COTS or Customized Switches Available (Call 401-943-1164)

SPECIFICATIONS:

CONNECTORS: (4) SC Duplex Fiber Optic rear-panel connectors, A/B/C/D.
(1) RJ45 COMMON Connector.

FIBER OPTIC INTERFACE: Wavelength 1300nm, Multimode, 62.5/125 Microns

CONTROLS: (4) Front-panel Pushbuttons, A/B/C/D.

DISPLAY: (4) Front-panel red LEDs display switch position and power status.

POWER: UL approved wall mount power module, Input: 120V AC / 60HZ 10W, Output: 12V DC 500mA, Class 2 Transformer.

DIMENSIONS: 3.5"H x 8"D x 16.75" W. Desktop Chassis

36 Western Industrial Drive, Cranston, RI 02921
Tel: 401-943-1164   Fax:401-946-5790
www.ElectroStandards.com
E-mail:eslab@ElectroStandards.com

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