Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 4198 8-Way Fiber Optic Switch/Converter w/Remote Control

QuickSwitch® 4198 Features

- Access any one of eight separate fiber optic networks from one computer.
- Simple pushbutton switching eliminates plugging and unplugging fiber optic patchcords, minimizing connector wear and increasing system reliability.
- All eight network ports are 1300nm 100 Mbps ST duplex multimode fiber optic ports.
- The COMMON port converts the selected fiber optic network port to the 100BaseTX interface.
- Internal circuitry insures isolation between networks / devices.
- Acts as a signal source, no optical signal loss.
- Remotely control the unit from the RS232 serial Remote port.
- LED display indicates switch position and fiber link presence at a glance.
- Other fiber optic interface network ports are available.
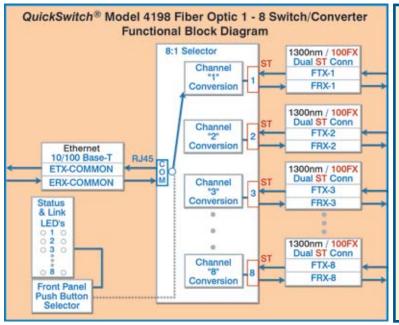- A 4-Port model is available.

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

QuickSwitch® 4198 Operation

QuickSwitch® 4198 allows the user to access any one of eight separate fiber optic network ports, 1-8, from a computer connected to the COMMON 100BaseTX port. The fiber optic / twisted pair media conversion is built in! Ports 1-8, are 1300nm 100 Mbps ST multimode fiber optic ports. SC duplex is available. Customized configurations are available.

QuickSwitch® can be controlled from front panel pushbuttons or remotely via an RS232 serial management port. Front panel control is as simple as pushing the button of the desired network port. LED indicators display the switch position status, as well as the presence of the fiber optic link. *QuickSwitch Remote operation* enables the remote user to change the switch position, query the switch position status, and lockout front panel operation.

QuickSwitch® Model 4198 Fiber Optic 1 - 8 Switch/Converter Functional Block Diagram

SPECIFICATIONS:

PORT CONNECTORS: Ports 1- 8 are 100 Base FX fiber optic ST duplex ports. COMMON port is 100Base-T RJ45.

FIBER OPTIC INTERFACE: Wavelength 1300nm, speed 100Mbps, multimode fiber, full duplex transmission.

FIBER SIZE: 62.5/125 Micron.

FRONT PANEL CONTROLS: (8) Pushbuttons to select network port.

DISPLAY: (8) Status red LED's; (8) Link red LED's.

REMOTE PORT: RS232 serial port, RJ45 connector.

POWER: UL approved 120VAC / 60HZ wall mount power module supplies 12VDC, 500mA to the unit.

DIMENSIONS: 11"W x 2.7"H x 8.5"D.

WEIGHT: 3 lbs.

WIDE RANGE POWER OPTION AVAILABLE:
(Cat No 517277) CE and UL listed wall mount power module, 100VAC/240VAC, 50Hz/60Hz in place of standard 115VAC or 120VAC power module. Ideal for international applications.