Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

QuickSwitch® 6270 Fiber Optic SC Duplex A/B Mirror Switch w/ Remote Serial Control

INTRODUCTION:

QuickSwitch® 6270 enables a device connected to the COMMON port to access either of two separate Fiber Optic networks via SC duplex ports. This cutting-edge switch utilizes MEMS-based (Micro Electro Mechanical System) multimode switches. The switch position of the *QuickSwitch®* 6270 can be controlled **manually** via a front panel pushbutton or **remotely** using the RS232 serial port located on the rear of the unit. Once connected to the remote port, the computer can use any common terminal emulation software to manipulate the controls and monitor the switch position.

FEATURES:

• Access either of two **SC Duplex** Fiber Optic networks from one computer connected to an SC Duplex COMMON port.

• MEMS-based **multimode mirror switch, 850 nm,** supports Gigabit data rate.

• *Manual control* by the front panel pushbutton.

• *Remote control* through RS-232 (DB9) serial port.

• Switch position displayed on front panel LED or on computer terminal via remote port.

• Insertion losses are less than 1.0 dB.

• The switched Fiber Optic SC Duplex ports are transparent to data and speed.

• In the event of a power failure, the switch will remain in its current position and continue to allow the unit to pass data.

• 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:

CONNECTORS: Ports A, B and COMMON are Fiber Optic SC duplex ports.
WAVELENGTH: 850 nm.
FIBER OPTIC PORT INTERFACE: Ports A, B and COMMON are fiber optic SC duplex multimode 62.5/125 micron ports that accept standard fiber optic SC duplex connectors.
REMOTE PORT INTERFACE: RS232 (DB9) serial port, 9600 bps, located on rear of unit, may be connected to any standard RS-232 port or a computer.
CONTROLS: Manual Pushbutton or via remote DB9 RS232 serial port.
DISPLAY: Front panel LED or computer terminal via remote port.
POWER: UL approved, 100VAC/240VAC 50Hz/60Hz wall mount power module supplies 12VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
DIMENSIONS: 1.75" H x 8" D x 19" W. (4.4 x 20.3 x 48.3 cm)
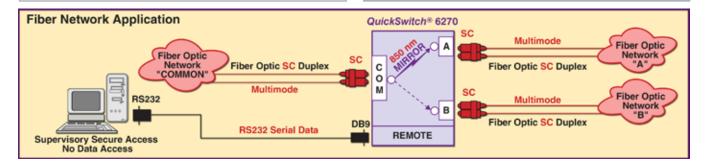**WEIGHT:** 4.5 lbs. (2.0 Kg)

WIDE RANGE POWER OPTION AVAILABLE:
(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC/240VAC, 50Hz/60Hz in place of standard power module. Has IEC 60320 C14 inlet. **Ideal for international applications.**

For a 1300 nm wavelength version of this switch, See Model 6271, Catalog No 306271.

Electro Standards Laboratories provides fiber optic switches for all popular interfaces. Multiple channel switches and custom configurations are available on request.

Call today to discuss your requirement.

SC connector offers excellent packing density, and its push-pull design resists fiber end face contact damage during connection. Ceramic connectors provide low signal loss, high reliability, and long life.

Call for custom length fiber optic cables. Have them shipped along with your unit.

Fiber Network Application