Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

GSA Schedule
Contract GS-35F-0286V

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

INTRODUCTION:

The *QuickSwitch® 6270* Single Channel SC Duplex A/B Switch with RS232 Remote allows the user the capability of sharing a single port interface device connected to the "COMMON" port among two other devices connected to the "A" and "B" ports, with remote access functionality. The *QuickSwitch® 6270* is enclosed in a 1U, full rack size, all metal black chassis designed to fit in a standard 19" rack.

The switch may be controlled locally by manually operating the front panel pushbutton or remotely from the DB9 Female Serial Interface Remote port located on the rear of the unit. The front panel LED display indicates the switch position and unit power status.

QuickSwitch® Model 6270

FEATURES:

- Access either of two **SC Duplex** Fiber Optic networks from one computer connected to an SC Duplex COMMON port.
- The switch ports are transparent to all data.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Remote Control RS232 ASCII command interface that allows the user to control switch position, lockout front panel operations, obtain switch status, as well as, query firmware version number, query serial number, and enable/disable autosend of switch positions.
- Front panel LED's display present position and power status.
- All A, B, and COM ports are SC Duplex, Multi-mode, 62.5/125 micron, and support a wavelength of 850nm.
- The fiber ports are configured per TIA/EIA-568-B.3, where the TX of the COM port is routed to the RX of the A/B ports and vice versa.
- 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: (3) SC duplex fiber optic connectors labeled A, B, and COM.

FRONT PANEL CONTROL: (1) Pushbutton control allows local switching.

DISPLAY: (2) Red, front panel LEDs' indicate switch position, and power status.

REMOTE PORT: (1) DB9 female connector on rear panel accepts RS232 ASCII Serial data commands for Remote Control operation.

POWER: UL Approved 100VAC-240VAC, 50Hz-60Hz wall mount module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

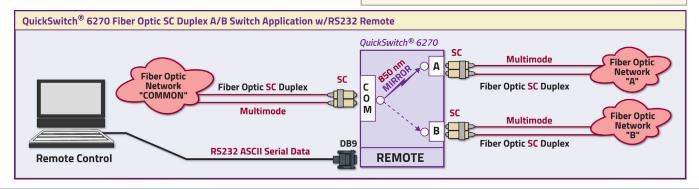**DIMENSIONS:** Rackmount Configuration, 19.0"W x 1.75"H x 8.6"D. (48.3 x 4.5 x 21.9 cm)

WEIGHT: Approx. 4.2 lbs. (2.0 kg)

FIBER SIZE: 62.5/125 Micron.

WAVELENGTH: 850 nanometers.

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 that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

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

QuickSwitch® 6270 Fiber Optic SC Duplex A/B Switch Application w/RS232 Remote