Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 6282 Fiber Optic Mirror A/B Switch, 850 nm SC Duplex, Multimode with Secure Remote Access

INTRODUCTION

The *QuickSwitch*® 6282 Fiber Optic SC DUPLEX A/B Switch 850 nm with Remote allows the user the capability of accessing two separate Fiber Optic networks or devices, ports A & B, via connection through a network or device connected to the Common port. The *Quick-Switch*® 6282 employs Micro Electro Mechanical System (MEMS) based multi-mode switches. Insertion losses are less than 2.5 dB.

The switch may be controlled manually via a front panel pushbutton or remotely from an RS-232 serial port located on the rear of the unit.

Switch position status may be attained via the front panel LED display or the remote RS-232 serial port (DB9) located on the rear of the unit.

If power to the *QuickSwitch*® 6282 is lost, the switch will maintain its current position and continue to pass data.

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

FEATURES:

- Wavelength: 850 nm.
- Optical Scalability
- Bit-Rate Transparent
- Service/Protocol Transparent
- A, B, and COMMON ports are SC Duplex Multimode, 62.5/125 µm and support a wavelength of 850 nm.
- A/B Front-Panel Pushbutton
- Front-Panel Tri-State LEDs Display Switch Position
- Remote Control via an RS-232 (DB9) serial port.
- Remote acess is password protected.
- MEMS-Based Multimode Mirror Switch provides Gigabyte Network Switching.

SPECIFICATIONS:

WAVELENGTH: 850 nanometers.

PORT CONNECTORS: (3) SC Duplex, multimode, 62.15/126 µm on rear panel labeled, A, B and COMMON.

CONTROLS: (1) Front-panel pushbutton, to select A or B and indicate power presence.

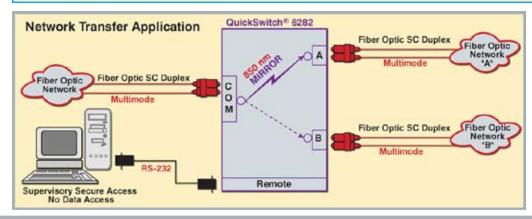**DISPLAY:** (2) Front-panel Tri-State LEDs display switch position A or B.

SUPERVISORY REMOTE PORT: (1) DB9/female serial RS-232 port.

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

DIMENSIONS: 3"H x 8"D x 8" W.

WEIGHT: 2.8 lbs.

STANDARD CONFIGURATION: Desktop.

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.

Network Transfer Application

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