Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6282
(Cat. No. 306182)

QuickSwitch® 6282 Single Channel SC Duplex A/B Switch, with RS232 Remote

- **Ideal for Commercial-Off-The-Shelf (COTS) purchase applications.**

INTRODUCTION

The QuickSwitch® 6282 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® 6282 is packaged in a slim desktop style enclosure.

The switch may be controlled locally by manually operating the front panel push button 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.

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

FEATURES:

- 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 RS232 ASCII commands that allow the user to control switch position, lockout front panel operations and obtain switch status.
- Remote control of the switch is password protected.
- 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.
- Optical Scalability
- ★ **Municipalities, schools, government: This product on GSA Schedule!**

SPECIFICATIONS:

PORT CONNECTORS: (3) SC Duplex, multimode, Fiber Optic rear-panel connectors, lableled A, B, and COMMON.
FRONT PANEL CONTROL: (1)Front-panel pushbutton allows local switching.
DISPLAY: (2) Front panel red LEDs' display switch position and power status.
SUPERVISORY REMOTE PORT: (1) DB9 female connector on rear panel accepts RS232 Serial Data for Remote Control operation.
POWER: UL approved 100VAC/240VAC, 50/60 Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
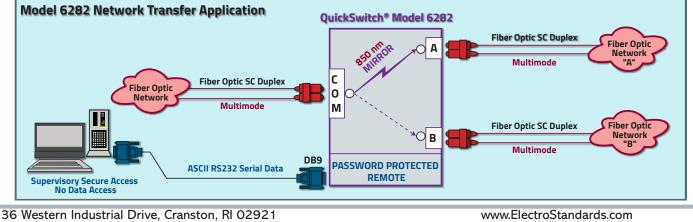**WAVELENGTH: 850 nm.**
FIBER SIZE: 62.5/125.
DIMENSIONS: 8.13"W x 2.40"H x 7.76"D. (20.7 x 6.1 x 19.8)
WEIGHT: Approx. 1.6 lbs. (0.8 kg)

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

Model 6282 Network Transfer Application