

## QuickSwitch® 6275 ST Duplex Fiber Optic 8-Position Switch with OFFLINE Position and Remote Serial Control

- **An all fiber switch providing extra security and electrical isolation, important for military mission critical applications.**

### INTRODUCTION

The **QuickSwitch® 6275** ST Duplex 8-position Fiber Optic Switch with Remote Serial Control allows the user to switch one Common ST Duplex port to any one of eight ST Duplex ports, or to be switched to an Off-Line position isolating all ports from each other. The system affords local and remote access functionality. The QuickSwitch® 6275 is enclosed in a 2U, full rack size, all metal black chassis designed to fit in a standard 19" rack.

Remote access can be accomplished by RS232 commands sent via the Remote Serial Port. Users can remotely monitor status and control switch functions.

### FEATURES:

- One ST duplex fiber optic port is able to access any one of eight ST duplex ports.
- **All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology and supports Gigabit data rates.**
- All ports, 1 thru 8 and COM are ST Duplex, Multi-mode, 62.5/125 micron, and support a wavelength of 1300nm.
- Remote RS232 ASCII commands that allow the user to control switch position, and obtain switch status.
- Front panel pushbutton control.
- Front panel LED's display the switch position and power status.
- **Front panel keylock inhibits or permits pushbutton control.**
- An Offline position is a valid state to preserve network and data isolation.
- User can configure the switch to either maintain its position and data pathways on power failure or to revert to the Offline position during power failure.
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**



### SPECIFICATIONS:

**FIBER SIZE: 62.5/125 Micron**

**PORT CONNECTORS:** (9) Fiber Optic ST duplex connectors labeled 1 thru 8 and COMMON.

**REMOTE CONTROL:** (1) DB9(F) connector accepts RS232 serial data commands.

**CONTROLS:** (8) Front panel pushbuttons allow selection of switch position.

**DISPLAY:** (8) Red LED's indicate switch position and power presence.

**KEYLOCK:** (1) Key operated front panel switch allows lockout of front panel pushbutton controls.

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

**DIMENSIONS:** 19.0" W x 8" D x 3.5" H (2U rack height) (48.3 x 20.3 x 8.9 cm)

**WEIGHT:** Approximately 6.0 lbs. (2.7 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 that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

### Model 6275 Network Application

