

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 Fiber Optic 8-Position Switch allows user to switch one COMMON port to any one of eight ST Duplex ports, with 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.

The switch may be controlled locally via front panel pushbuttons or remotely from the DB9 female Serial Interface Remote port.

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.
- The unit maintains last set position on power loss and continues to pass data or can be remotely controlled to revert to Offline position on power loss.
- An Offline position is a valid state to preserve network data isolation.
- **Front panel pushbutton control.**
- **Front panel keylock inhibits or permits pushbutton control.**
- *When the front panel pushbuttons are inhibited via the keylock, only Remote commands are available.*
- *When the front panel pushbuttons are permitted via the keylock, both pushbutton control and the Remote commands are available.*
- Remote RS232 commands allow user to control switch position, lockout front panel operations, obtain switch status, configure unit to revert to the Offline position in the event of a power loss, or maintain position on power down.
- Front panel LED's display present position and power status.
- All 1 thru 8, and COM ports are ST Duplex, Multi-mode, 62.5/125 micron, and support a wavelength of 1300nm.
- 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.



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 3.5" H x 12.77"D
(48.3 x 8.9 x 32.5 cm)

WEIGHT: Approximately 8.7 lbs. (4.0 kg)

WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, 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.**

