

## QuickSwitch® 6277 Single Channel SC Duplex Fiber Optic Online/Offline Switch

- **Quick Connect/Disconnect to/from network.**
- **Absolutely NO DATA passes when switch is in the OFFLINE position.**
- **The Ultimate FIREWALL!**

### INTRODUCTION

The **QuickSwitch® 6277** Single Channel SC Duplex Fiber Optic Online/Offline Switch allows the user the capability of connecting or disconnecting two separate devices connected to ports IN and OUT. All switch position control is via the front panel pushbutton. The **QuickSwitch® 6277** is enclosed in a 1U, full rack size, all metal, black chassis designed to fit in a standard 19" rack.

### FEATURES:

- Allows quick connection or disconnection between two fiber optic networks or devices.
- The switch ports are transparent to all data.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- Switch maintains position on power loss and continues to pass data.
- **"OFFLINE" switch position stops any and all data throughput for the unit.**
- Front panel pushbutton control.
- Front panel LED's display present position and power status.
- All IN and OUT 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 data throughput scalability.
- Eliminates need to plug/unplug fiber optic patchcords.
- Custom length rigorously tested and certified, SC fiber optic cables available for your switch installation.



### SPECIFICATIONS:

**PORT CONNECTORS:** (2) SC duplex female connectors, labeled IN and OUT.

**FIBER:** 62.5/125 micron, 850 nm.

**FRONT PANEL CONTROL:** (1) Manual pushbutton allows local switching.

**DISPLAY:** (2) Front-panel LED's display switch position, and power status.

**NO REMOTE CONTROL.**

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

**DIMENSIONS:** 19.0" W x 1.75" H x 8.78" D. (48.3 x 4.4 x 22.4 cm)

**WEIGHT:** Approximately 4.1 lbs. (1.9 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.**

### QuickSwitch® Model 6277 SC Duplex Fiber Optic ONLINE/OFFLINE Application:

