

## QuickSwitch® 6299 Single Channel All Fiber Optic LC Duplex A/B Switch

### INTRODUCTION

The **QuickSwitch®** 6299 Single Channel All Fiber Optic LC Duplex A/B Switch allows a device connected to the "COM" port access to the "A" or "B" port. The **QuickSwitch®** 6299 dimensions are 19"W x 1.75"H x 8"D.

The switch may be controlled locally by manually operating the front-panel pushbutton. The front-panel LED display indicates the switch position and unit power status.

### FEATURES:

- Allows quick connection to any one of two LC fiber optic interface devices from one COMMON port.
- Local control via front-panel pushbutton.
- Front-panel LED's display switch position and power status.
- Optical data throughput scalability.
- All fiber ports are LC duplex, multimode, 50/125 micron and support a wavelength of 850nm.
- **MEMS-based mirror/prism switch technology supports Gigabit data rates.**
- Service protocol transparent.
- Bit-rate and data transparent.
- Internal circuitry insures isolation between networks/devices.
- Eliminates the need to plug and unplug cables. Simple pushbutton switching eliminates the need to plug and unplug fiber optic patchcords, thus minimizing connector wear and increasing system reliability.
- Ideal for fallback applications.
- If power is lost, switch will default to the "A" position (prime) and continue to pass data.
- When power is restored, unit will stay in the "A" position and continue to pass data.
- Custom length, rigorously tested and certified, LC fiber optic cables available for your switch installation.



### SPECIFICATIONS:

**PORT CONNECTORS:** (3) LC duplex female connectors labeled A, B, and COMMON.

**FIBER:** 50/125 micron, 850 nm.

**FRONT PANEL CONTROL:** (1) Manual pushbutton allows local switching (**No remote control**).

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

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

**DIMENSIONS:** 19.0" W x 1.75" H x 8.0" D.  
(48.3 x 4.4 x 20.3 cm)

**WEIGHT:** Approximately 4.5 lbs. (2.0 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 115VAC or 120VAC power module. Ideal for international applications.

### Model 6299 Network Application

