

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

- **Switch to backup fiber optic data link, quickly and easily!**
- **Ideal for switching data to multiple video displays, stadium scoreboards, LED signs.**
- **Add flexibility to mission critical IT platforms and tactical communication networks.**

### INTRODUCTION

The **QuickSwitch® 6299** Single Channel All Fiber Optic LC Duplex A/B Switch allows a device connected to the "COM" port to access devices connected to the "A" or "B" port. The **QuickSwitch® 6299** is enclosed in a 1U, full rack size, all metal black chassis designed to fit in a standard 19" rack.

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.
- The switch ports are transparent to all data.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- Switch reverts to the A position on power loss and continues to pass data.
- When power is restored, unit will stay in the "A" position until switched by the user.
- Front panel pushbutton control.
- Front panel LED's display present position and power status.
- All A, B, and COM ports are LC, Multi-mode, 50/125 micron, and support a wavelength of 850nm.
- **MEMS-based mirror/prism switch technology supports Gigabit data rates.**
- 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.
- Ideal for fallback applications.
- Optical data throughput scalability.
- 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:** "WIDE RANGE" **CE, RoHS, and UL** listed table mount power module (Cat. No. 517277) 100VAC/240VAC, 50Hz/60Hz, supplies 12VDC to the unit. Has IEC 30620 C14 inlet. **Ideal for international applications.**

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

**WEIGHT:** Approximately 4.0 lbs. (1.8 kg)

### QuickSwitch® Model 6299 A/B LC Duplex Switch, Network Application

