

# QuickSwitch® 6272 ST Duplex Fiber Optic A/B Switch with RS232 Remote

## INTRODUCTION

The QuickSwitch® 6272 ST Duplex Fiber Optic A/B Switch with Remote Serial Control allows the user the capability of accessing two separate devices, ports A and B via connection through a device connected to the Common port, with remote access functionality. The QuickSwitch® 6272 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 or remotely from the DB9 female Serial Interface Remote port located on the rear of the unit. The front panel LED display indicates the switch position and the unit power status.

## FEATURES:

- Access any one of two separate fiber optic networks from one computer or network.
- The switch ports are transparent to all data.
- **All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology and supports Gigabit data rates.**
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations and obtain switch status.
- Front panel LED's display present position and power status.
- All A, B, 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.
- Optical data throughput scalability.
- Eliminates need to plug/unplug fiber optic patchcords.
- Custom length rigorously tested and certified, ST fiber optic cables available for your switch installation

★ **Municipalities, schools, government: This product is on GSA Schedule!**



## SPECIFICATIONS:

**WAVELENGTH:** 1300 nm.

**FIBER SIZE:** 62.5/125 micron

**PORT CONNECTORS:** (3) ST duplex fiber optic rear panel connectors, labeled A, B, COMMON.

**FRONT PANEL CONTROL:** Front panel pushbutton allows local switching.

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

**REMOTE CONTROL:** (1) DB9 (F) connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.

**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 1.75" H x 8.55" D.  
(48.3 x 4.4 x 21.8 cm)

**WEIGHT:** Approximately 4.5 lbs. (2.1 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 C-14 inlet. **Ideal for international applications.**

**Need a similar switch, but with an 850 nm wavelength? See Model 6273, Catalog No. 306273.**

