

## **QuickSwitch® 6252 16-Channel ST Duplex Fiber Optic A/B Switch, Multimode, Rackmount, No Remote Control**

- *Field Proven, highly reliable, optical switching.*
- *Applicable to mission critical networks requiring secure and reliable switching.*

### **INTRODUCTION:**

The **QuickSwitch® 6252** 16-Channel ST Duplex A/B Switch allows the user the capability of sharing a single port interface device, connected to the "COMMON" port, among two other devices, connected to the "A" and "B" ports for each of 16 channels. The **QuickSwitch® 6252** is enclosed in a 3U, 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 all of the switch positions and unit power status.

### **FEATURES:**

- Each of 16 channels allows access to two ST Duplex fiber optic networks from one fiber optic network or device.
- 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.
- Switch retains last position when power is restored.
- Simultaneous control of all channels.
- Front panel pushbutton control.
- No Remote Control.
- Front panel LED's display present position and power status.
- All A, B, and COM ports are ST, Multi-mode, 62.5/125 micron, and support a wavelength of 1310nm.
- 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.
- Custom length rigorously tested and certified ST Duplex fiber optic cables available for your switch installation.



### **SPECIFICATIONS:**

**PORT CONNECTORS:** (48) ST Duplex fiber optic connectors A, B, and COMMON connector to each of 16 channels. (16 ST Duplex A ports, 16 ST Duplex B ports, and 16 ST duplex COMMON ports)

**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.

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

**CONTROL:** (1) Pushbutton control, front panel, allows local switching.

**DIMENSIONS:** Rackmount Configuration  
19.0"W x 5.25"H x 10.73"D. (48.3 x 13.3 x 27.3 cm)

**WEIGHT:** Approx. 5.7 lbs. (2.6 kg)

### **WIDE RANGE POWER OPTION AVAILABLE:**

(Cat No 517277) **CE, 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® 6252 16-Channel ST Duplex A/B Switch Application:**

- Local Control Only
- No Remote Control

