

QuickSwitch® 6296 Single Mode LC Duplex Fiber Optic Bypass Switch

• **Quickly and easily insert or remove a fiber optic inline device within a link.**

INTRODUCTION:

The QuickSwitch® 6296 Single Mode LC Duplex Fiber Optic Bypass Switch supports connection into a network (**NORMAL**) or disconnection from a network (**BYPASS**) of an “in-series” type device or terminal.

FEATURES:

- **Ideal for inserting or removing devices that are concatenated, linked together in a chain or series.**
 - The switch ports are transparent to all data.
 - Local control via front-panel pushbutton.
 - **Normal Position** connects A to B, and connects C to D allowing equipment connected to the B and C ports to be brought into the network.
 - **Bypass Position** connects A directly to D, isolating equipment connected to ports B and C from the network.
 - Front panel LED's display switch position and power status.
 - When power is lost, unit reverts to the Bypass position.
 - When power is restored, the unit automatically switches to the Normal position.
 - All fiber optic ports are LC Duplex Angle Polished Connectors, Single mode, 9/125 micron, and support a wavelength range of 1310nm – 1610nm.
 - MEMS-based mirror/prism switch technology supports Gigabit data rates.
- ★ **Municipalities, schools, government: On GSA Schedule!**



SPECIFICATIONS:

- PORT CONNECTORS:** (4) LC Duplex, Angled Polished connectors labeled A, B, C and D.
- FRONT PANEL CONTROL:** (1) Manual pushbutton allows local switching.
- DISPLAY:** (2) Front panel LED's display switch position and power status.
- POWER:** 48VDC power to be supplied by user. Current: 30mA (peak/inrush); 10mA (nominal).
- DIMENSIONS:** Rackmount Configuration: 19.0"W x 1.75"H x 8"D. (48.3 x 4.4 x 20.3 cm)
- WEIGHT:** Approx.4.5 lbs. (2.0 Kg)
- FIBER SIZE:** 9/125 micron, Single Mode.
- WAVELENGTH:** 1310 nm - 1610 nm.

Powering the QuickSwitch® 6296:

The QuickSwitch® 6296 requires 48VDC to operate. A 48VDC power supply can be connected by terminating the power supply with the Phoenix Connector Kit provided (P/N 518221). The kit includes document number 521183 AI, detailing the wiring instructions in order to make the proper connections.

