

## QuickSwitch® 6286 Fiber Optic Mirror A/B Switch, 1300 nm SC Duplex, Multimode with Remote

### INTRODUCTION:

**QuickSwitch®** Multimode SC Duplex A/B, 1300 nm all optical switch, is designed with fiber optic mirror/prism technology. The signal is received by the unit as an optical signal over the fiber strand, is redirected by mirror/prism mechanisms, and leaves the unit as an optical signal over a fiber strand. The Model 6286 allows a fiber optic device connected to the unit's SC Duplex COMMON connector to access either of the two fiber optic networks connected to the A, B ports. Switch position can be changed via an A/B front-panel pushbutton, or by a serial RS232 device connected to the rear panel Remote port. If power to the Model 6286 is lost, the unit will default to the A position and continue to pass data.

### OPERATION:

**QuickSwitch®** 6286's SC Duplex ports are transparent to all data. Corresponding front-panel LEDs indicate the switch position. Position status can also be ascertained from the Remote port connector. Remote switching is accomplished via the DB9 port located on the Model 6286 rear panel.

### FEATURES:

- A/B Front-Panel Pushbutton.
- MEMS-Based **Multimode Mirror/Prism Switch** provides **Gigabyte** Network Switching.
- Bit-Rate Transparent.
- Service/Protocol Transparent.
- Optical Scalability.
- Front-Panel LEDs Display Switch Position.
- Remote Control via an RS-232 (DB9) serial port.
- A, B, and COMMON SC Duplex Fiber Optic Rear-Panel Connectors.
- If power to the Model 6286 is lost, the unit will default to the A position and continue to pass data.
- When power is restored, the unit remains in the A position.
- **Wavelength: 1300 nm.**
- ★ **Municipalities, schools, government: This product on GSA Schedule!**

- **Keylock Option Available as Model 6286K, Catalog No. 306186K. All other specifications are the same and a keylock is added to the front panel.**



**COTS or Customized Switches Available**  
**(Call 401-943-1164)**

### SPECIFICATIONS:

**PORT CONNECTORS:** (3) SC Duplex Fiber Optic rear-panel connectors, A, B, and COMMON.

**CONTROL:** (1) Front-panel pushbutton to select A or B and indicate power presence.

**DISPLAY:** (2) Front panel red LEDs' display switch position A or B.

**SUPERVISORY REMOTE PORT:** (1) DB9/female serial RS232 port.

**POWER:** UL approved 100VAC/240VAC, 50/60 Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.

**DIMENSIONS:** 8"W x 3.0"H x 8"D. (20.3 x 7.6 x 20.3)

**WEIGHT:** Approx. 2.8 lbs. (1.3 Kg)

**WAVELENGTH:** 1300 nm.

**FIBER SIZE:** 62.5/125.

### 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 C14 inlet.

**Ideal for international applications.**

