

## 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 and supports gigabit data rates. 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.

### FEATURES:

- Access either of two **SC Duplex** Fiber Optic networks from one computer connected to an SC Duplex 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 and support Gigabit data rates.
- Front panel pushbutton control.
- Remote Control RS232 ASCII command interface that allows the user to control switch position, lockout front panel operations, obtain switch status, as well as, query firmware version number.
- Password Protected Remote Control
- Front panel LED's display present position and power status.
- All A, B, and COM ports are SC Duplex, Multi-mode, 62.5/125 micron, and support a wavelength of 1300nm.
- 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.

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

★ For a similar switch with a Keylock Option available, see Model 6286K, Catalog No. 306186K.



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.

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

**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.**

### QuickSwitch® 6286 Fiber Optic SC Duplex A/B Switch with RS232 Remote

