

QuickSwitch® Model 6310 Fiber Optic SC Duplex Single Mode A/B Switch with RS-232, Contact Closure Remote

INTRODUCTION:

The QuickSwitch® 6310 Single Channel SC Duplex A/B Switch with RS-232, Contact Closure Remote allows the user the capability of sharing a single port interface device connected to the "COMMON" port between two other devices connected to the "A", and "B" ports. The QuickSwitch® 6310 is packaged in a slim rackmount style enclosure.

The switch may be controlled manually by a front panel pushbutton or remotely from the RS232 Serial and Contact Closure port located on the rear of the unit. Switch position status may be attained via the front panel LED display, or the Remote RS232 Serial port located on the rear of the unit.

FEATURES:

- The switch ports are transparent to all data.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- Front panel pushbutton control.
- Remote RS-232 ASCII commands that allow the user to control switch position, lockout front panel operations, and obtain switch status.
- Remote Contact Closure control provides dry contact logic to allow the control of the switch position.
- Switch ports are transparent to data.
- Switch maintains position and continues to pass data during power loss.
- Switch powers up in last known position
- Front panel LED's display present position and power status.
- All A, B, and COMMON ports are SC duplex, Single mode, 9/125 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.



SPECIFICATIONS:

PORT CONNECTORS: (3) SC duplex fiber optic connectors labeled A, B, and COM.

FRONT PANEL CONTROL: (1) Pushbutton control allows local switching.

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

REMOTE PORT: (1) DB9 female connector on rear panel accepts RS232 ASCII Serial data commands for Remote Control operation.

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

DIMENSIONS: Rackmount Configuration, 19.0"W x 1.75"H x 8.8"D. (48.3 x 4.5 x 22.4 cm)

WEIGHT: Approx. 4.1 lbs. (1.9 kg)

FIBER SIZE: 9/125 Micron.

WAVELENGTH: 1300 nanometers.

WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC-240VAC, 50Hz-60Hz in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

- One year warranty against defects on manufacturer parts and labor

