Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

GSA Schedule Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6257
Cat. No. 306257

QuickSwitch® 6257 Quad Channel ST Duplex A/B Switch with Voltage/Contact Closure Remote

INTRODUCTION:

The QuickSwitch® 6257 Quad Channel ST Duplex A/B Switch with Voltage/Contact Closure Remote 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, with remote access functionality. The QuickSwitch® 6257 is enclosed in a 2U, 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 or remotely from the DB9 Custom Remote Control port located on the rear of the unit. The DB9 Remote port provides control by signal transition logic and allows the user to both control as well as monitor switch position remotely. The front panel LED display indicates all of the switch positions and unit power status.

QuickSwitch® Model 6257

FEATURES:

- Each channel allows access to two 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.
- **Simultaneous control of all channels.**
- Front panel pushbutton control.
- Remote Voltage control provides **Voltage Level Logic** to allow the control of the position as well as a set of dry contacts for obtaining the present position.
- 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 1300nm.
- The fiber ports are configured in a straight through scheme, where the TX is routed to the TX of the A/B ports, and the RX is routed to the RX of the A/B ports.
- Custom length rigorously tested and certified ST duplex fiber optic cables available for your switch installation.
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

SPECIFICATIONS:

PORT CONNECTORS: (12) ST Duplex fiber optic connectors provides A, B, and COMMON connector to each of 4 channels (24 ST fiber connectors total).

REMOTE PORT: DB9 female connector on rear panel accepts voltage/contact closure signaling for remote operation.

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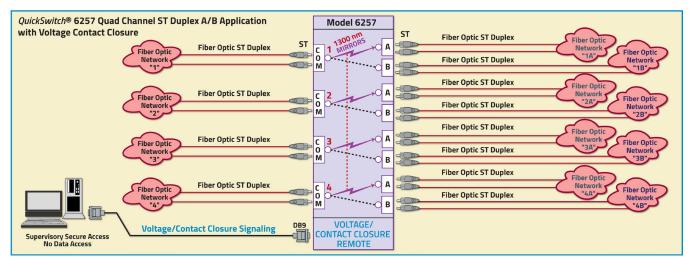
DISPLAY: (2) Red, front panel LED's indicate switch position, status, and power.

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

DIMENSIONS: Rackmount Configuration
19.0"W x 3.5"H x 8.73"D. (48.3 x 8.9 x 22.2 cm)

WEIGHT: Approx. 5.7 lbs. (2.6 kg)

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® 6257 Quad Channel ST Duplex A/B Application with Voltage Contact Closure