Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 6250 Quad Channel SC Duplex A/B Switch, Single Mode

INTRODUCTION

The QuickSwitch® 6250 4-Channel SC Duplex A/B Switch 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 for each of four channels. The QuickSwitch® 6250 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 manually via front panel pushbuttons only. Switch position status may be attained via the front panel LED display.

FEATURES:

- Each of four channels allows quick connection to any one of two SC interface devices from one COMMON device.
- The switch ports are transparent to all data.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Independent control of channels via Channel pushbuttons.
- Simultaneously switch all channels via Master Switch pushbuttons.
- **Ideal for "Local control only" applications. There is no Remote Control on the QuickSwitch® 6250.**
- Front panel LED's display present position and power status.
- All A, B, and COM ports are SC duplex, Single Mode (SMA-28), 9/125 micron, and support a dual window wavelength of 1300nm and 1550nm.
- 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.

QuickSwitch® 6250

SPECIFICATIONS:

PORT CONNECTORS: (3) SC duplex female connectors labeled A, B, and COMMON for each of four channels.

FRONT PANEL CONTROL:
- **CHANNEL PUSHBUTTONS (CH1 – CH4)** – Four front panel channel pushbuttons allow the switch position to be changed independently for each channel.
- **MASTER PUSHBUTTONS (A/B)** – Two front panel master pushbuttons allow the channel positions to be changed simultaneously.

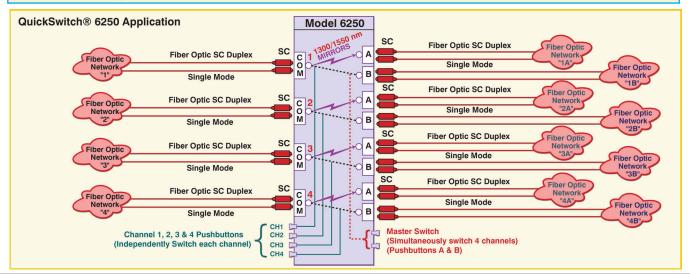**DISPLAY:** (8) Front panel LED's display switch position and power status.

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.

DIMENSIONS: 19.0" W x 3.5" H x 9.1" D. (48.3 x 8.9 x 23.3 cm)

WEIGHT: Approximately 5.6 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 in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

QuickSwitch® 6250 Application