Electro Standards Laboratories
®
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6293
Cat. No. 306293

QuickSwitch® 6293 Fiber Optic Mirror A/B/C Switch, Single Mode LC Duplex with Remote Serial Access

- **Remotely controllable from Terminal Server connection to switch serial CONTROL Port**
- **Ideal for Dynamic Backup Applications**

INTRODUCTION

The QuickSwitch® 6293 Fiber Optic Mirror A/B/C, LC Duplex Switch with Remote Serial Access allows the user the capability of sharing a Fiber Optic LC Duplex pair connected to the "COMMON" port among three other sets of LC Duplex pairs connected to the "A", "B", and "C" ports with local and remote access functionality. Remote access can be accomplished using an RJ45 connection via ASCII RS232 Serial commands.

QuickSwitch® Model 6293

FEATURES:

- The switch ports are transparent to all data.
- All switched signals are passed via mirror relays that maintain their position and continuity even in the event of a power loss or failure.
- **Supports single mode fiber (SMF-28), 9/125 micron fiber with a wavelength of 1310 nm.**
- Front panel pushbutton control.
- RJ45 Remote control port via RS232 ASCII commands.
- Remote RS232 ASCII commands that allow the user to control switch position, lock and unlock front panel operations, and obtain switch status, as well as, query firmware version number.
- MEMS mirror switch supports OC12 speeds of 622 Mbps.
- **Requires customer supplied -48 VDC, 500 mA power input.**
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

SPECIFICATIONS:

WAVELENGTH: 1310 nm.

PORT CONNECTORS: (4) LC Duplex connectors labeled A, B, C, and COMMON.

CONTROL: (1) Pushbutton allows selection of switch position.
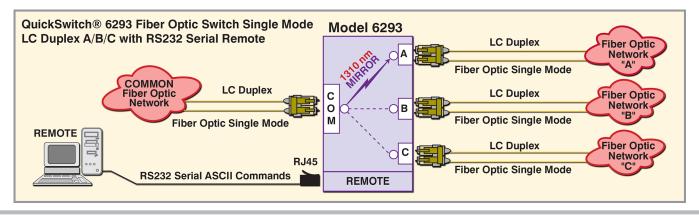
DISPLAY: (3) Red LED's display switch position and power status.

SUPERVISORY REMOTE PORT: (1) RJ45 (F) connector accepts ASCII RS232 serial data.

POWER: Connector on rear panel accepts customer supplied -48 VDC, 500 mA power input. A mating connector is included along with wiring instructions.

DIMENSIONS: Standard rackmount, 19.0" W x 1.75" H x 8.0" D.

WEIGHT: Approximately 4.5 lbs.

QuickSwitch® 6293 Fiber Optic Switch Single Mode LC Duplex A/B/C with RS232 Serial Remote — Model 6293