Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6297
Cat. No. 306297

QuickSwitch® 6297 OM3 LC Duplex A/OFFLINE/B Switch with Serial Remote

INTRODUCTION

The **QuickSwitch®** 6297 Single Channel OM3 LC Duplex A/OFFLINE/B Switch with RS232 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 switch may be controlled locally by manually operating the front panel pushbutton or remotely from the DB9 Female Serial Interface Remote port located on the rear of the unit. The front panel LED display indicates the switch position and the unit power status. The **QuickSwitch®** 6297 is enclosed in a 1U, full rack size, all metal black chassis designed to fit in a standard 19" rack.

FEATURES:

- Access any one of two separate fiber optic networks from one computer.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- Unit reverts to the OFFLINE position on power loss and isolates all data.
- When power is restored, unit will remain in the OFFLINE position until commanded to change.
- Unit switches to OFFLINE position before switching to "A" or "B" position.
- Front panel pushbutton control.
- **Password protected Remote Control.**
- **Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations, obtain switch status, query firmware version number, query serial number, and enable/disable autosend of switch positions.**
- Ideal for fallback applications.
- Front panel LED's display present position and power status.
- All A, B, and COM ports are LC duplex, 50/125 Micron Laser Enhanced Multi-mode, OM3 grade fiber, and support a wavelength of 850nm.
- 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.
- Optical Multimode 3 (OM3) compliant for laser enhanced 10-Gigabit laser applications.
- ★ **Municipalities, schools, government: On GSA Schedule!**

QuickSwitch® Model 6297

SPECIFICATIONS:

PORT CONNECTORS: (3) OM3 LC duplex female connectors labeled A, B, and COMMON.

FIBER: 50/125 micron, 850 nm.

FRONT PANEL CONTROL: (3) Manual pushbuttons allow local switching.

DISPLAY: (3) Front panel LED's display switch position, power status.
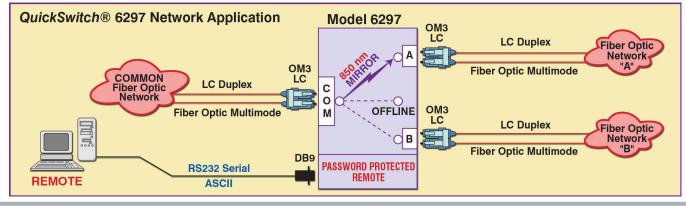
REMOTE CONTROL: (1) DB9 female connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.

POWER: Wide Range (Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC / 240VAC, 50Hz/60Hz is included with the unit. Has an IEC 60320 C14 inlet. **Ideal for international applications.**

DIMENSIONS: 19.0" W x 1.75" H x 8.0" D. [20.3 x 4.4 x 20.3 cm].

WEIGHT: Approximately 4.2 lbs [1.9 kg].

Custom length rigorously tested and certified OM3 LC Duplex fiber optic cables available for your switch application.

QuickSwitch® 6297 Network Application