Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

GSA **Schedule**
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6272
Cat. No. 306272

QuickSwitch® 6272 ST Duplex Fiber Optic A/B Switch with RS232 Remote

INTRODUCTION

The **QuickSwitch®** 6272 ST Duplex Fiber Optic A/B Switch with Remote Serial Control allows the user the capability of accessing two separate devices, ports A and B via connection through a device connected to the Common port, with remote access functionality. The QuickSwitch® 6272 is enclosed in a 1U, 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 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.

FEATURES:

- Access any one of two separate fiber optic networks from one computer or network.
- The switch ports are transparent to all data.
- **All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology and supports Gigabit data rates.**
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations, obtain switch status as well as, query firmware version number, query serial number, and enable/disable autosend of switch positions.
- Front panel LED's display present position and power status.
- All A, B, and COM ports are ST Duplex, Multi-mode, 62.5/125 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.
- Eliminates need to plug/unplug fiber optic patchcords.
- Custom length rigorously tested and certified, ST fiber optic cables available for your switch installation
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

QuickSwitch® Model 6272

SPECIFICATIONS:
WAVELENGTH: 1300 nm.
FIBER SIZE: 62.5/125 micron
PORT CONNECTORS: (3) ST duplex fiber optic rear panel connectors, labeled A, B, COMMON.
FRONT PANEL CONTROL: Front panel pushbutton allows local switching.
DISPLAY: (2) Red LED's display switch position, and power status.
REMOTE CONTROL: (1) DB9 (F) connector on rear panel accepts ASCII RS232 Serial Data for Remote Control 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.
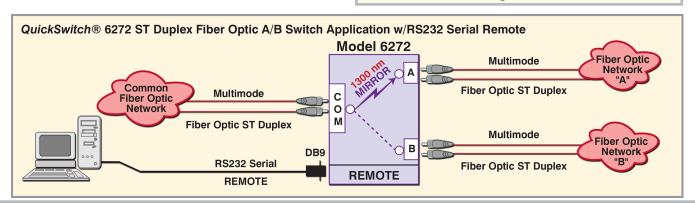**DIMENSIONS:** 19.0" W x 1.75" H x 8.55" D. (48.3 x 4.4 x 21.8 cm)
WEIGHT: Approximately 4.5 lbs. (2.1 kg)

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.**

Need a similar switch, but with an 850 nm wavelength? See Model 6273, Catalog No. 306273.

QuickSwitch® 6272 ST Duplex Fiber Optic A/B Switch Application w/RS232 Serial Remote

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