Electro Standards Laboratories ®
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6212
Cat. No. 306212

QuickSwitch® 6212 ST Duplex Fiber Optic 10 Position Switch with Remote Ethernet Port and GUI

INTRODUCTION

The **QuickSwitch**® 6212 ST Duplex 10-position Fiber Optic Switch with Remote Ethernet Port allows the user to switch one Common ST Duplex port to any one of ten ST Duplex ports. The system affords local and remote access functionality. The Remote Ethernet Port allows for both Telnet and GUI remote control. User's can locally or remotely monitor status and control switch functions.

Features:

• One ST duplex fiber optic port is able to access any one of ten ST duplex ports.

• All fiber optic signals passed through the switch are maintained in fiber optic light transmission media.

• MEMS-based mirror/prism switch technology supports Gigabit data rates.

• All ports are ST Duplex, Multimode, 62.5/125 Micron,1300nm.

• Control of the switch position from a 10/100-Base-T LAN Ethernet environment or the front panel pushbuttons.

• Remote Telnet command interface or Graphical User Interface that allow the user to control switch position and obtain switch status.

• Front panel LED's display the current switch position and power status.

• Remote commands to lock front panel pushbutton control.

• The switch is latching and will maintain its position and continue to pass data in the event of a power failure.

• IP Addressable.

★ **Municipalities, schools, government: This product is on GSA Schedule!**

SPECIFICATIONS:

FIBER SIZE: 62.5/125 Micron, 1300nm.
PORT CONNECTORS: (11) Fiber Optic ST duplex connectors labeled 1 thru 10 and COMMON.
REMOTE CONTROL: (1) RJ45 (F) connector accepts 10/100 Base-T LAN Ethernet, Telnet and Graphical User Interface commands.
CONTROLS: (10) Front panel pushbuttons allow selection of switch position.
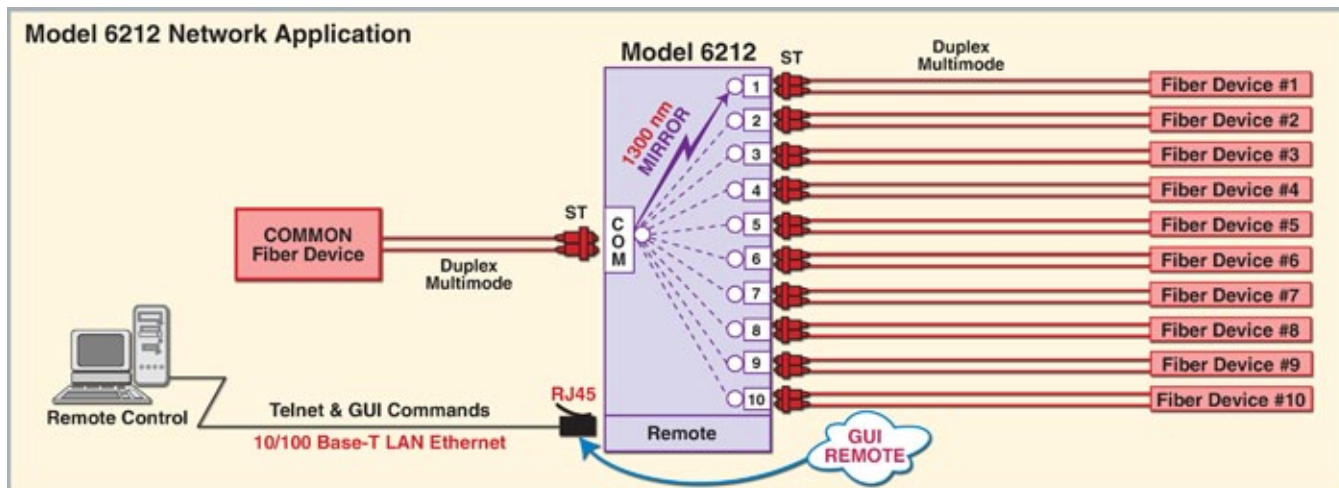**DISPLAY:** (10) Red LED's indicate switch position and power presence.
POWER: UL approved 100VAC/240VAC, 50Hz/60Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.
DIMENSIONS: Desktop Configuration:
16.49" W x 8" D x 3.5" H. (41.9 x 20.3 x 8.9 cm)
WEIGHT: Approximately 6.0 lbs. (2.72 Kg)

OPTION: WIDE RANGE POWER MODULE

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC/240VAC, 50Hz/60Hz in place of standard power module. Has IEC 60320 C14 inlet. **Ideal for international applications.**

Model 6212 Network Application

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UTILIZING THE USER-FRIENDLY REMOTE GRAPHICAL USER INTERFACE SOFTWARE

To connect to the switch from a workstation or computer having access to the LAN that the **QuickSwitch®** 6212 LAN port is connected to, simply launch a standard web browser and type in the appropriate IP address. The Java Applet will be automatically uploaded from the switch upon connection. The environment requirement for the GUI is Java 1.6 and above.

The Java Applet can also be accessed from the DeviceInstaller application. To control the **QuickSwitch®** 6212 using DeviceInstaller, follow the steps listed below.

- Open your DeviceInstaller application by clicking "Start->Programs->Lantronix->DeviceInstaller->DeviceInstaller"
- When the DeviceInstaller GUI opens up, the first task it performs is to look for any Lantronix devices attached to the local area network. You will see that, when devices are found, the left pane of the DeviceInstaller GUI will indicate so by displaying information below "Local Area Connection" which is your own local PC. You must then expand the tree of elements until you reach the lowest level, which represents the IP address of your actual device. When you do so, three tabbed panels will appear in the right-most pane as in Figure 2. Please select the pane labeled "Web Configuration".
- The IP Address of the switch will appear at the top of the panel, along with a green 'GO' button. To launch the **QuickSwitch®** 6212 GUI, simply click the 'GO' button.

SOFTWARE FEATURES:
- Access User Interface via standard web browser.
- Login password authentication required.
- **Easy to use, simple point and click GUI operation.**
- Remotely access to control or monitor the QuickSwitch® 6212 10 Position Fiber Optic Switch System.
- Users can change the switch's IP address.
- Lockout front panel manual access.
- LAN access gives users across the LAN or over the Internet access to control if user network is configured accordingly.

Figure 1: GUI in a Standard Web Browser

Figure 2: GUI in DeviceInstaller

CHANGING SWITCH POSITION

To change the switch position, select any one of ten radio buttons by clicking on the radio button for a new position as desired. Radio buttons are labeled 1 through 10. See Figure 3.

Switch position by selecting one of the 10 position radio buttons labeled 1 through 10.

Figure 3: Change the position from the GUI

CHANGING LOCK STATUS FROM THE GUI

Locking and unlocking the front panel pushbutton can be done by clicking on the "Locked" or "Normal" radio buttons. See Figure 4.

Lock and unlock the front panel operation using the "LOCKED" or "NORMAL" radio button.

Figure: Control the front panel lock status from the GUI