Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 5522 Single Channel 3-State JSIS/SVCN/OFFLINE ST Duplex Fiber Optic Switch

INTRODUCTION

The **QuickSwitch**® 5522 allows the user the capability of accessing two separate devices, ports JSIS and SVCN, via connection through a device connected to the ROOM port. Users can link this model to the Model 5521 JSIS/SVCN/OFFLINE Display Indicator unit for a robust conference communications switching system. The dimensions of the unit are 1.75"H x 10"D x 19"W and the unit mounts in a standard 19" equipment rack. The unit weight is approximately 4.5 lbs.

FEATURES:

• Single Channel, ST Duplex, MultiMode switch.
• Mirror technology used to switch signal. Supports gigabyte data rate.
• Fiber is 62.5/125 micron and supports a wavelength of 850nm.
• Both the TX and RX ports are switched together.
• Unit is manually switched via front panel keylock actuator.
• Unit permits signal to pass uninterrupted (JSIS and SVCN positions) or isolates in/out fiber (OFFLINE position).
• Status Out port for linking switch system unit to the Model 5521 JSIS/SVCN/OFFLINE Display Indicator unit.
• Installs in a standard 19" wide equipment rack.
• The front panel indicator LED's on the QuickSwitch® 5522 will display the position status of the unit.
• The position of the QuickSwitch® 5522 will follow the keylock actuator position at all times when there is power to the switch.
• In the event power is lost, the switch will revert to OFFLINE status regardless of the keylock position. When power is restored, the unit will automatically read and match the switch position indicated by the keylock actuator.
• The key can only be removed from the keylock actuator in the OFFLINE position.

Specifications:

PORT CONNECTORS: (3) ST duplex female connectors labeled SVCN, JSIS, and ROOM.

FRONT PANEL CONTROLS: (1) Three-position keylock actuator allows local switching.

DISPLAY: (3) Front panel LED's display switch position and power status.

STATUS OUT: (1) DB9 female connector. Contact closure signals indicate switch position. Can be displayed on companion Display Indicator Unit, Model 5521, Cat. No. 305521.

POWER: UL Approved 120VAC, 60Hz wall mount power module supplies 12 VDC, 500 mA to the unit.

DIMENSIONS: 19" W x 1.75" H x 10.0" D.

WEIGHT: 4.5 lbs.

ST/ST Fiber Optic Cables:
ST/ST 62.5/125, PVC Multimode Fiber Optic Cables are ESL Cat. No. 981815-XXX.
(Note: "XXX" is required length. State whether length is in feet or meters).

OPTION: WIDE RANGE POWER MODULE
(Cat No 517277) CE and UL listed table mount power module, 100VAC/240VAC, 50Hz/60Hz in place of standard 115VAC or 120VAC power module. Ideal for international applications.

Model 5522 Conference Room Application, with Model 5521 Display Unit