Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

GSA Schedule
Contract GS-35F-0286V

QuickSwitch® Model 6290 Fiber Optic Mirror A/B Switch, SC Duplex, Single Mode with RS232 & Contact Closure Remote

INTRODUCTION:

The QuickSwitch® 6290 Single Channel SC Duplex A/B Switch, with RS232 & Contact Closure Remote, allows the user the capability of sharing a single port interface device connected to the "COMMON" port between two other devices connected to the "A", and "B" ports. The QuickSwitch® 6290 is packaged in a compact desktop style enclosure.

The switch may be controlled manually via a front panel pushbutton or remotely from the RS232 Serial port (DB9) located on the rear of the unit. Switch position status may be attained via the front panel LED display or the REMOTE port located on the rear of the unit.

FEATURES:

- The switch ports are transparent to all data.
- **All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.**
- Local control via front panel pushbutton.
- The REMOTE port accepts both RS232 ASCII commands and Contact Closure to control switch position. Additionally, the REMOTE port accepts RS232 ASCII commands to lockout front panel operations, and obtain switch status.
- Front panel LED's display switch position and power status.
- All A, B, and COMMON ports are SC duplex, Single mode, 9/125 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.
- When power is lost, the switch will maintain its position and continue to pass data.
- When power is restored, the unit will retain the same position in which it was at power down.
- **Custom length, rigorously tested and certified, SC fiber optic cables available for your switch installation.**
- ★ **Municipalities, schools, government: This product on GSA Schedule!**

QuickSwitch® Model 6290

SPECIFICATIONS:

PORT CONNECTORS: (3) SC Duplex, Single Mode, Fiber Optic rear-panel connectors, lableled A, B, and COMMON.

FRONT PANEL CONTROL: (1)Front-panel pushbutton allows local switching.

DISPLAY: (2) Front panel red LEDs' display switch position and power status.

REMOTE PORT: (1) DB9 female connector on rear panel accepts RS232 Serial Data or Contact Closure for Remote Control operation.

POWER: UL approved 100VAC–240VAC, 50-60 Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
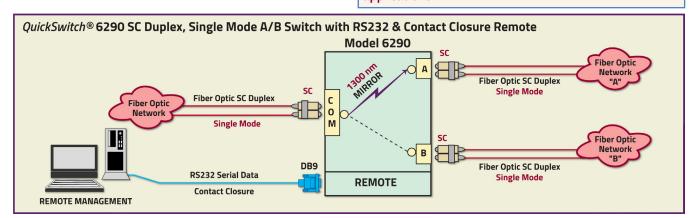
WAVELENGTH: 1300 nm.

FIBER SIZE: 9/125.

DIMENSIONS: 8.15"W x 3.10"H x 7.27"D. (20.8 x 7.9 x 18.5)

WEIGHT: Approx. 1.8 lbs. (0.8 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.**

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