Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 4196
Cat. No. 303196

QuickSwitch® 4196 Fiber Optic SC Duplex A/B/C/D/Offline, All Optic Switch with Remote

• Fully Decoupled OFF-LINE Capability. The Ultimate Firewall!

INTRODUCTION

QuickSwitch® 4196 SC Duplex A/B/C/D/OFF-LINE Switch allows a fiber optic device connected to the SC duplex COMMON connector of the unit to access any of four fiber optic networks connected to the A, B, C, or D ports, or to disconnect completely from all output ports. The *QuickSwitch®* 4196 is enclosed in a 1U, full rack size, all metal black chassis designed to fit in a standard 19" rack.

The switch position can be changed either by depressing the desired front panel A, B, C, D or Off-Line pushbuttons, or by a device connected to the Remote port located on the rear panel. Applying the appropriate voltage to designated pins of the Remote connector will cause the switch to change position.

FEATURES:

- Allows access to four networks from one computer or workstation.
- "CUTOFF" switch position stops any and all data throughout for the unit.
- MEMS-based mirror/prism switch technology supports Gigabit data rates.
- Service protocol transparent.
- Bit-rate and data transparent.
- Optical data throughput scalability.
- All fiber ports are SC duplex, multimode, 62.5/125 micron and support a wavelength of 1300 nm.
- Local control via front-panel pushbuttons.
- Remote control port allows off-site monitoring and switch management via voltage signaling.
- Front-panel LED's display switch position and power status.
- When power is lost, unit reverts to the Off-Line position.
- When power is restored, unit automatically switches based on remote port voltage control.

★ **Municipalities, schools, government: On GSA Schedule!**

**COTS or Customized Switches Available
(Call 401-943-1164)**

SPECIFICATIONS:

PORT CONNECTORS: (5) SC Duplex connectors labeled, A, B, C, D, and COMMON.

FRONT PANEL CONTROLS: (5) Front-panel Pushbuttons, allow local switching to A/B/C/D, and OFF-LINE.

DISPLAY: (5) Front-panel red LEDs display switch position and power status.

REMOTE: (1) DB9 female connector on rear panel accepts 24 VDC signaling.

FIBER OPTIC INTERFACE: Wavelength 1300nm, Multimode, 62.5/125 Micron

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: Rackmount Configuration: 19" W x 1.75" H x 10" D. (48.3 x 4.4 x 25.4 cm)

WEIGHT: Approximately 5.5 lbs. (2.5kg)

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. **Ideal for international applications.**

DON'T FORGET TO ORDER CUSTOM LENGTH FIBER OPTIC CABLES FOR YOUR SWITCH INSTALLATION.

Network Transfer Application