Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 6281 Dual Channel Fiber Optic ST Simplex A/B/C/D Switch with Telnet
• **Ideal for all optical signal switching and routing applications.**

INTRODUCTION

The **QuickSwitch**® 6281 Dual Channel ST Simplex A/B/C/D Switch, with Telnet allows the user the capability of sharing a single port interface device connected to the "COMMON" port among four other devices connected to the "A", "B", "C", and "D" ports, with each of its two channels. Remote Control access can be accomplished using an Ethernet 10/100Base-T connection and Telnet commands. The QuickSwitch® 6281 is enclosed in a 1U, full rack size, all metal black chassis designed to fit in a standard 19" rack. The enclosure is specially designed to resist shock and vibration.

FEATURES:

• **Each channel allows access to any one of four separate ST fiber optic networks from one COMMON fiber optic 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 support Gigabit data rates.
• Front panel pushbutton control.
• Simultaneous control of both channels.
• Switch maintains position on power loss and continues to pass data.
• Control of the switch position from a 10/100Base-T LAN Ethernet environment. IP Addressable.
• Remote Control Telnet command interface that allows 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.
• Remote control of the switch is password protected, where the password protection can be disabled.
• Front panel LED's display present position and power status.
• All A, B, C, D, and COM ports are ST Simplex, Single mode, 9/125 micron, and support a wavelength of 1270-1625nm.
• EMI power inlet filter reduces the effect of power supply noise.
• Slide rails can be mounted to side panels.

QuickSwitch® Model 6281 illustrated without ears.

SPECIFICATIONS:

PORT CONNECTORS: (5) ST simplex female connectors labeled A, B, C, D, and COMMON, for each channel.
FRONT PANEL CONTROL: (4) Pushbuttons
DISPLAY: (4) Front panel LED's display switch position and power status.
REMOTE: (1) RJ45 female connector on rear panel accepts 10/100 Base-T LAN access Ethernet for Remote Control.
POWER SUPPLY: The **QuickSwitch®** 6281 is powered by internal power supply. Plug the IEC 60320 C14 inlet on the rear of the unit into a 100VAC-240VAC, 50Hz/60Hz receptacle.
DIMENSIONS WITHOUT EARS: 16.75" W x 1.75" H x 10.63" D. (42.5 x 4.4 x 27.1 cm)
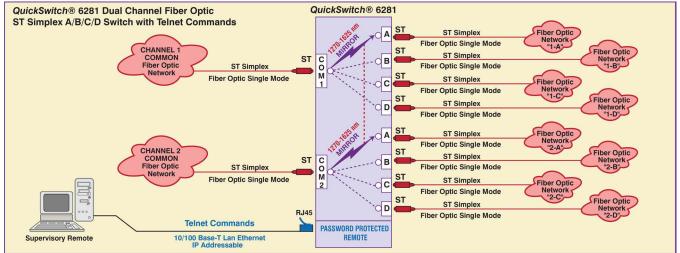**DIMENSIONS WITH EARS:** 19.0" W x 1.75" H x 10.63" D. (48.3 x 4.4 x 27.1 cm)
WEIGHT: Approximately 4.7 lbs. (2.2 kg)

Optional Rackmount Brackets allow the Model 6281 switch to be mounted in a 19" rack enclosure. The brackets are field installable To order the 1.75" brackets, request: Cat. No. 512959

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