

PathWay® Model 7416 BNC Interface 10-1 Switch, Remotely Controllable, Rackmount

- **Ideal for sharing laboratory test equipment having a BNC coaxial cable interface.**
- **Reliable and Field Proven in many Scientific Research Laboratory Applications.**
- **Flexible Remote Control Capabilities.**

INTRODUCTION

The PathWay® Model 7416 Remotely Controllable BNC interface 10-1 Switch allows the user the capability of sharing a single BNC interface device connected to the common port among 10 other devices connected to ports 1-10. The Model 7416 is packaged in a slim rackmount enclosure. The switch may be controlled manually via front panel pushbuttons or remotely from an RS232 serial port located on the rear of the unit. Switch position status may be attained via the front panel LED display of the remote control RS232 serial port located on the rear of the unit.

FEATURES:

- The switch ports are transparent to all data.
- Both center and shell of the BNC interface are switched via break-before-make electromechanical relays.
- All ports are located on the rear panel.
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton controls.
- Remote RS232 ASCII commands that allow the user to control switch position, obtain switch status, as well as query firmware version number, query serial number, and enable/disable autosend of switch position.
- Front panel LEDs display present position and power status.
- Switch locally via one front panel pushbutton or remotely via an RS-232 serial remote port.
- Switch powers up in last known position.
- One year warranty against defects on manufacturer parts and labor.
- Rugged aluminum package provides EMI/RFI shielding



SPECIFICATIONS:

PORT CONNECTORS: (11) BNC (F) connectors labeled 1 thru 10 and COMMON.

FRONT PANEL CONTROL: (10) Manual pushbutton allows for local switching.

DISPLAY: (10) Front panel LED's display switch position and power status.

REMOTE CONTROL: (1) DB9 (F) connector on rear panel accepts RS232 Serial Data for Remote Control operation.

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

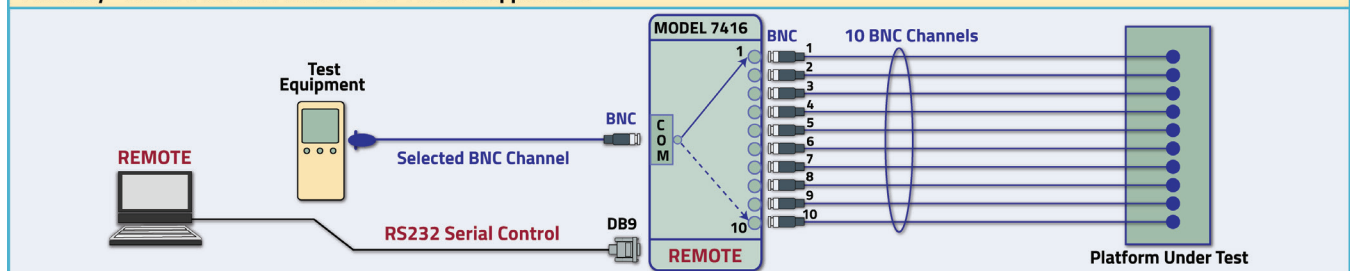
DIMENSIONS: Rackmount 19" W x 1.75" (1U) H x 8.8" D. (48.3 x 4.5 x 22.4 cm)

WEIGHT: Approximately 4.6 lbs. (2.1 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.**

PathWay® Model 7416 BNC Interface 10-1 Switch Application



Suggested cables for use with Model 7416 Switch.

Part Number	Description	Unit Price (US dollars)
990136-006	RG58 Coax Cable, 50 ohm, 6 ft (M/M)	Call for Price!
990136-010	RG58 Coax Cable, 50 ohm, 10 ft (M/M)	Call for Price!
890426-006	Thinnet RG58 Coax Cable, 50 ohm, 6 ft (M/M)	Call for Price!
890426-010	Thinnet RG58 Coax Cable, 50 ohm, 10 ft (M/M)	Call for Price!