



Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES



SPECIFICATIONS
MODEL 8446
(Cat. No. 308446)

LineSelect® Model 8446 Quad-Channel RJ45/BNC A/B Switch, Manual Operation

▪ Ideal for switching “Ethernet-over-Coax-Converters”

INTRODUCTION

The *LineSelect*® Model 8446 Quad-Channel RJ45/BNC A/B Switch enables access to two devices per each of its four channels. Channel 1 allows access to RJ45 devices 1-A or 1-B. Channel 2 allows access to RJ45 devices 2-A or 2-B. Channel 3 allows access to BNC devices 3-A or 3-B. Channel 4 allows access to BNC devices 4-A or 4-B. All channels are switched simultaneously. The unit supports all 8 pins of the RJ45 Cat5e interfaces, and supports both the center conductor and shield of the BNC interfaces. The *LineSelect*® Model 8446 is enclosed in a slim desktop style enclosure.

FEATURES:

- Simultaneously switches two RJ45 Channels and two BNC channels locally via a knob located on the front panel
- **RJ45 channels are tested for Cat5e compliance**
- All (8) pins of the RJ45 interface are switched via break-before-make rotary switch.
- Both the shield and center conductor of the coaxial interface are switched via break-before-make rotary switch.
- All ports located on the rear panel: (6) RJ45 female and (6) BNC female
- Attractive anodized black box packaging provides EMI/RFI shielding.
- Four threaded screw holes located on the bottom panel.
- Switching is manually operated. Requires no power.
- Custom length cables are available.



SPECIFICATIONS:

PORT CONNECTORS:

- (6) RJ45 (F), category 5e connectors on rear panel
- (6) BNC (F) Connectors on rear panel.

CONTROLS:

- (1) Rotary Switch on front panel selects A or B.

PINS SWITCHED:

- RJ45: All 8 Pins Switched.
- BNC: Center Conductor and Shield

POWER: No power required.

ENCLOSURE: Shielded Aluminum Enclosure.

DIMENSIONS: 8.1”W x 2.18”H x 8.0”D.
(20.6 x 5.6 x 20.4 cm)

WEIGHT: Approximately 1.6 lbs (0.8 kg)

LineSelect® Model 8446 Dual-Channel RJ45/BNC A/B Switch Application

