



**Electro Standards Laboratories**  
ADVANCED SYSTEMS DESIGN & SERVICES

**SPECIFICATIONS**  
**MODEL 9212**  
(Cat. No. 309212)

# LineSelect™ Model 9212 12-Channel RJ45/BNC/DB9 A/B Switch, Manual Operation, Simultaneous, Keylock, 2U Rackmount

## INTRODUCTION

The **LineSelect™** Model 9212 12-Channel RJ45/BNC/DB9 A/B Switch enables two RJ45 Cat5e A/B Channels, eight BNC A/B Channels and two DB9 Channels to switch positions simultaneously via the front panel keylock. The unit supports all 8 pins of the RJ45 interface, supports both the center conductor and shield of the BNC interfaces and all 9 pins of the DB9 interface. Custom labeled connectors allow connection from a COMMON port between two devices for 12 channels consisting of (2) Cat5e RJ45 Channels, 8 BNC Channels (75 Ohm) and two DB9 Channel.

The **LineSelect™** Model 9212 is enclosed in a 2U, full rack size, all metal chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

## FEATURES:

- Simultaneously switches **two RJ45** Channels, **eight BNC** Channels and **two DB9** Channels locally via a front-panel keylock.
- Key is removable from lock in "OPERATIONAL" position and captive in "SIMULATION" position.
- **RJ45 channels are tested for Cat5e compliance**
- All (8) pins of the RJ45 interface are switched via break-before-make keylock switch.
- Both the shield and center conductor of the coaxial interface are switched via break-before-make keylock switch.
- BNC Channels support 75 Ohm.
- All (9) pins of the DB9 interface are switched via break-before-make keylock switch.
- Attractive all metal black box packaging provides EMI/RFI shielding.
- Manually operated. Requires no power.
- Custom length cables are available.



## SPECIFICATIONS:

### PORT CONNECTORS: (Custom Labeled)

- (6) RJ45 female Cat5e connectors, (3) for each of two channels.
- (24) BNC female connectors (3) for each of eight channels.
  - o BNC channels support 75 Ohm.
- (6) DB9 female connectors (3) for each of two channels.
  - o DB9 connectors shells are conductive to the rear panel and all other connectors.
  - o DB9 Channels include individual foil shielded twisted pairs for pins 2 & 7 and 3 & 8.
  - o The drain wires at the connector end will be connected to the DB9 connector shell for each respective port.

**FRONT PANEL CONTROL:** (1) Keylock Switch selects "OPERATIONAL" or "SIMULATION".

**POWER:** No power required. Manually operated

**DIMENSIONS:** 19.0" W x 3.5" H x 9.77" D (48.3 X 8.9 X 24.9 cm).

**WEIGHT:** Approximately 5.9 lb (2.7 kg).

