SEL-4388 Mirrored Bits Tester

Easily Test SEL Mirrored Bits® Communications Links

Reduce commissioning and repair time.

Features and Benefits

Save Time

Quickly test communications by automatically detecting and displaying SEL Mirrored Bits information, addresses, and data rate. Easily identify cable usage. Use pushbuttons to simulate inputs to force Transmit Mirrored Bits for testing.

Verify Settings

Streamline commissioning by easily verifying Mirrored Bits implementation and communications circuits.

Apply Easily

Power the SEL-4388 with two AAA batteries or through the external power jack. This portable battery-powered tester goes everywhere.

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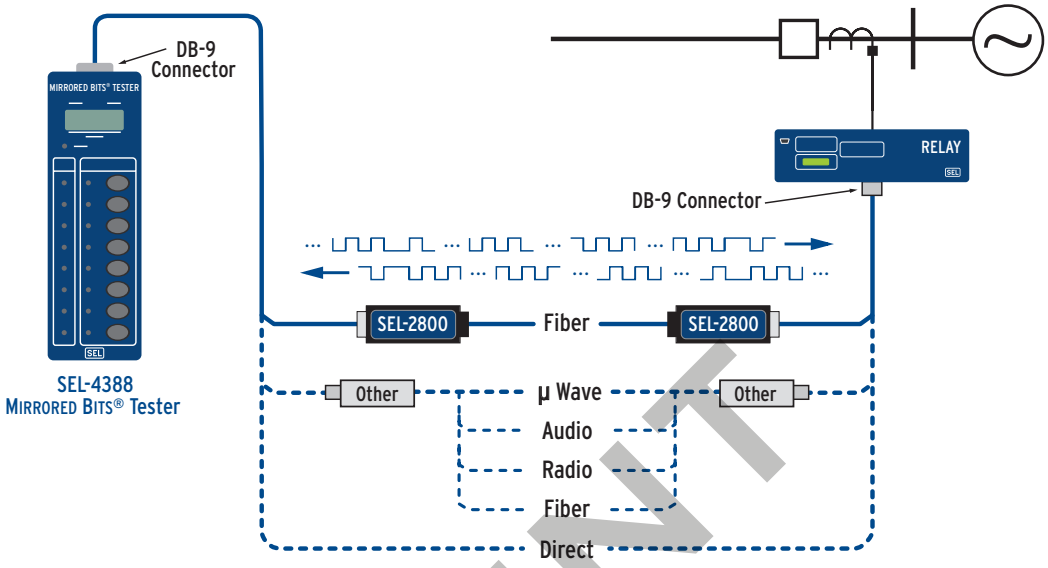
Mirrored Bits Testing Application

- Connect the SEL-4388 Mirrored Bits Tester to the serial cable or fiber-optic transceiver connected to an SEL relay or processor Mirrored Bits communications port.
- Verify the addressing and communications parameters for the channel through the LCD display.
- Observe the state of each transmitted (TMB) and received (RMB) bit on LEDs.
- Transmit test bits using the SEL-4388 pushbuttons.



General Specifications

Power Supply

Internal

Two AAA batteries (Rayovac® 824 or equivalent)

External

Range	4–18 Vdc
Burden	<120 mW

Optional 5 V External Supply*

100–240 Vac, 47–63 Hz (*part number 230-0601)

Serial Data Port

Interface EIA-232 levels

Connector	9-pin male, DCE
Data rates	2.4, 4.8, 9.8, 19.2, 38.4 kbps

Human-Machine Interface

LEDs	8 RMB, 8 TMB, 1 Received Okay (ROK)
Pushbuttons	8 TMB
LCD displays	RX ID, TX ID, data rate

Environment

Temperature	0° to +45°C
Relative humidity	5 to 95% noncondensing

Included Accessories

One EIA-232 extension cable

Two AAA batteries

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