



CALIX E7-2 Streaker Card ST-CALIX-E7-2 Practice

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2 APPLICATION

The ST-CALIX-E7-2 is utilized by installers to quickly and easily verify wiring from the backplane of the Calix E7-2 to the wiring termination points at the Main Distribution Frame (MDF) or Frame Block. Easy access via the Streaker Card eliminates slower methods of testing. The "streaker" test determines whether or not the Calix E7-2 service slots are properly connected through the interconnect wiring.

The ST-CALIX-E7-2 is powered by a 9v battery and does not require a powered backplane.

1 GENERAL

This practice describes the ST-CALIX-E7-2 Streaker Card for use with a Calix E7-2 Shelf. The ST-CALIX-E7-2 provides a quick method to "streak", verify wiring via LED's, from the backplane of the Calix E7-2 to the Frame. The Streaker Card has 96 LED's that correspond to the backplane wiring of the equipment. The ST-CALIX-E7-2 has an LED Test Button, Pin Jacks for connection to Frame GND, a 9 Volt Battery to power the LED's and Jacks for (optional) Talk Sets.

For complete information - See Page 2 - Physical Description.

3 PROCEDURE

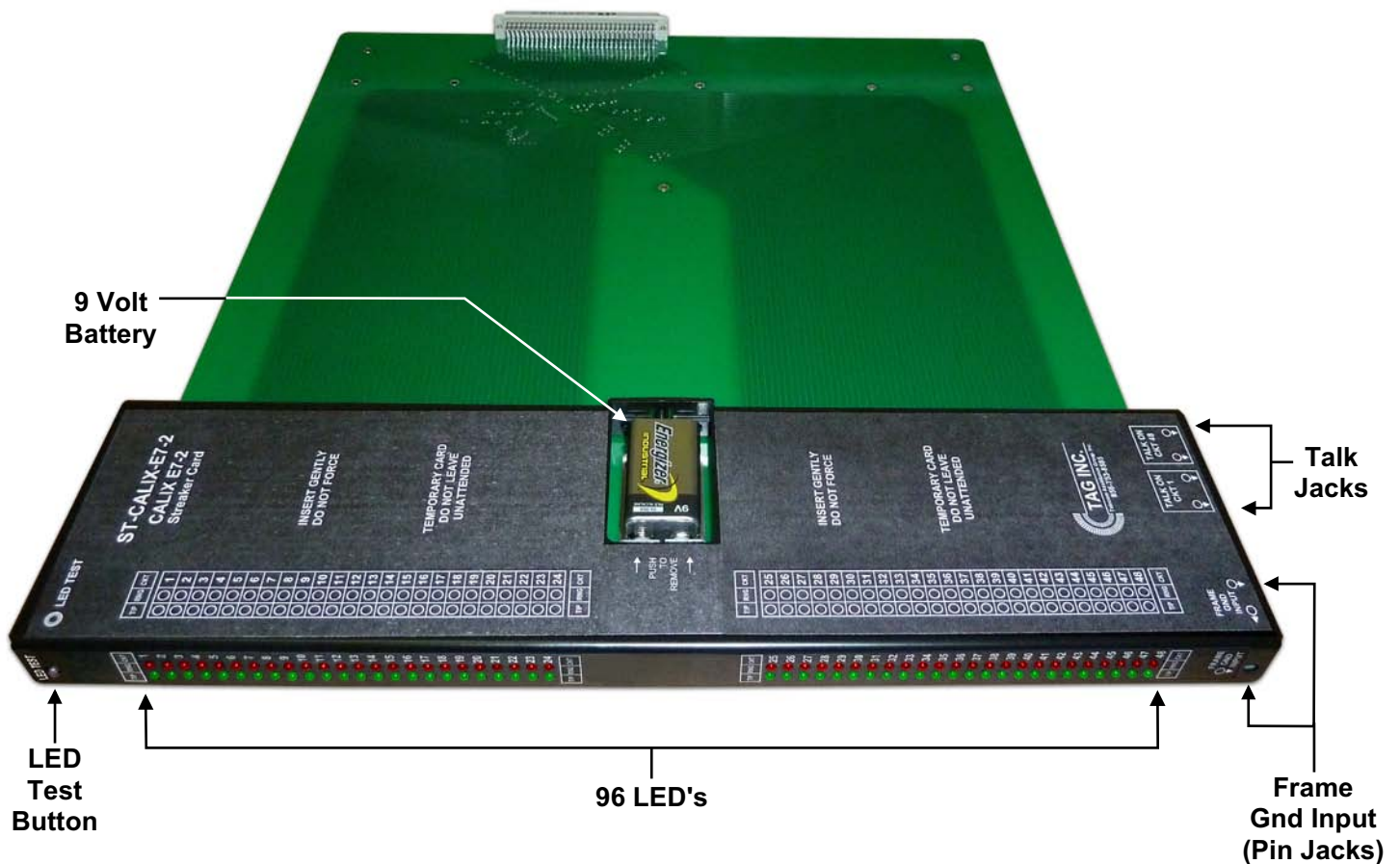
The test procedure typically requires two (2) people for ease of testing. Tester 1 plugs the ST-CALIX-E7-2 into the Calix E7-2 and grounds the Streaker Card using the supplied Ground Cord (PN # 400409).

Tester 2 grounds the corresponding wire termination points while Tester 1 observes the illuminated LED's to verify the wiring.

See Page 3 for Step-by-Step Test Procedures.

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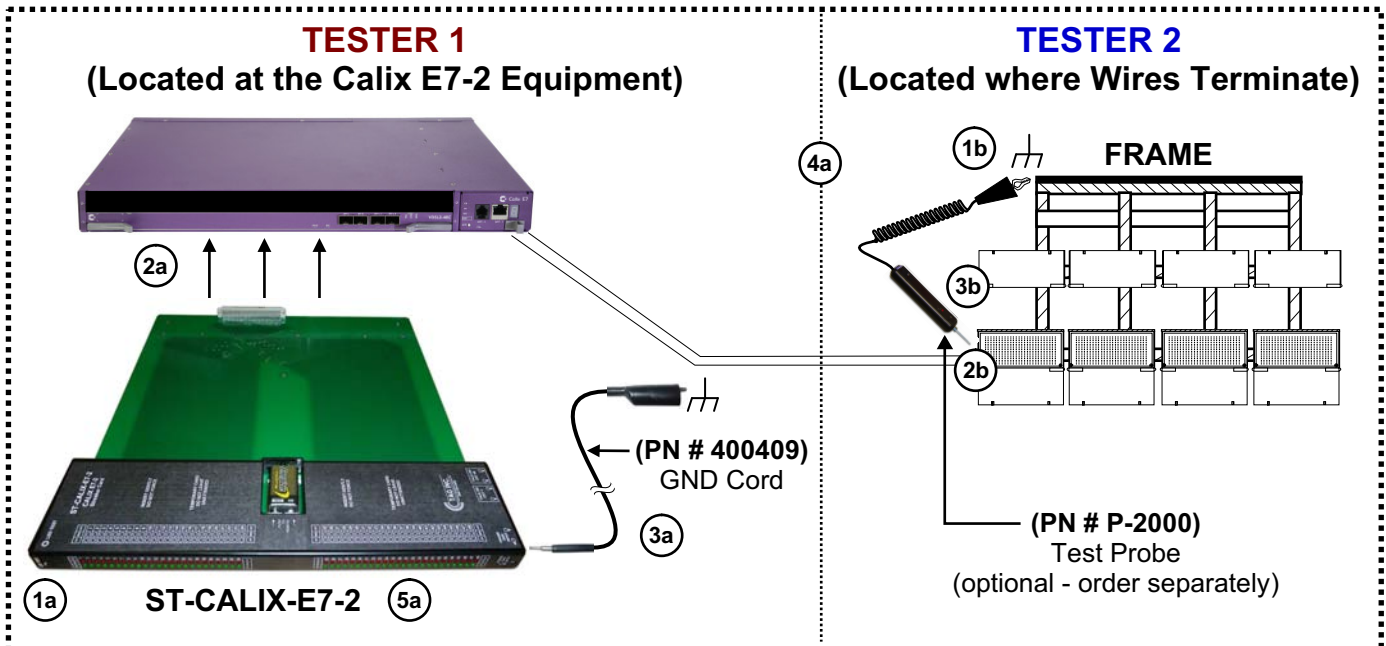
4 Physical Description



The ST-CALIX-E7-2 provides a quick method to "streak", verify wiring via LED's, from the backplane of the Calix E7-2 to the Frame. At the Frame simply ground the corresponding pins and the ST-CALIX-E7-2 will light the LED associated with that connection.

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5 Step-by-Step Test Procedure



TESTER 1 (Located at the Calix E7-2 Equipment)

- 1a. Press the LED test button on the ST-CALIX-E7-2 Streaker Card to verify that all LED's illuminate. (If LED's do not illuminate, make sure the 9 volt battery is properly seated or replace it with a new battery)
- 2a. To begin testing, select a Calix E7-2 Service Slot & insert the ST-CALIX-E7-2. **(CAUTION: Do not force. Verify proper alignment before inserting.)**
- 3a. If the Calix E7-2 chassis is not already grounded through the backplane, insert the supplied Pin Plug GND cord (PN # 400409) into ST-CALIX-E7-2 (pin jack) and connect the Alligator Clip to Frame GND.
- 4a. Establish verbal communication with **Tester 2** at the Frame.
- 5a. Verify the wires being probed by **Tester 2** according to the label of the ST-CALIX-E7-2. (Correct LED's illuminate)

TESTER 2 (Located where Wires Terminate)

- 1b. Connect the optional Test Probe (PN # P-2000) Alligator Clip to Frame GND.
- 2b. Use probe end to "ground the corresponding wiring assignments".
- 3b. The LED on the probe will illuminate to indicate a connection to the ST-CALIX-E7-2. **Tester 1** can now verify that the corresponding LED on the ST-CALIX-E7-2 is illuminated. ***They will correspond when correctly wired.***