



## CALIX C7 Streaker Card ST-CALIX-C7 Practice

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### 2 APPLICATION

The ST-CALIX-C7 is utilized by installers to quickly and easily verify wiring from the backplane of the Calix C7 to the wiring termination points at the Main Distribution Frame (MDF). Easy access via the Streaker Card eliminates slower methods of testing. The "streaker" test determines whether or not the Calix C7 service slots are properly connected through the interconnect wiring.

The ST-CALIX-C7 is powered by a 9v battery and does not require a powered backplane.

### 1 GENERAL

This practice describes the ST-CALIX-C7 Streaker Card for use with a Calix C7 Shelf. The ST-CALIX-C7 is used during installations to quickly "streak" verify wiring continuity from the Calix C7 service slots to the Frame. The streaker card has 48 LED's that correspond to the backplane wiring of the equipment. The ST-CALIX-C7 has an LED test button, a pin jack for connection to the Frame Ground, a 9 volt battery to power the LED's and jacks for (optional) Talk Sets.

For complete information - See Page 2 - Physical Description/Wiring.

### 3 PROCEDURE

The test procedure typically requires two (2) people for ease of testing. Tester 1 plugs the ST-CALIX-C7 into the Calix C7.

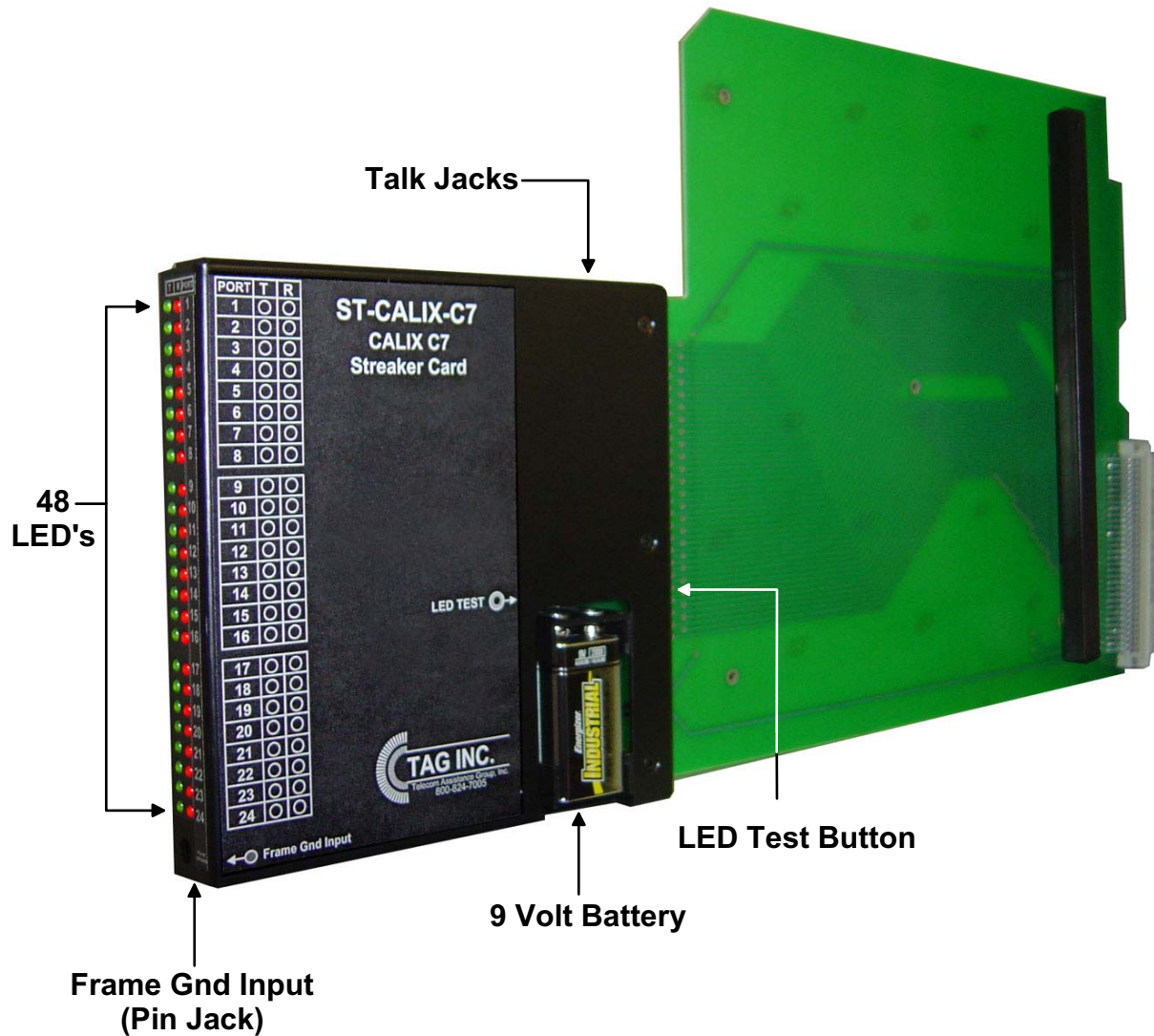
Tester 2 grounds the corresponding wire termination points. Tester 1 observes the illuminated LED's to verify the wiring.

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



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### 4 Physical Description/Wiring

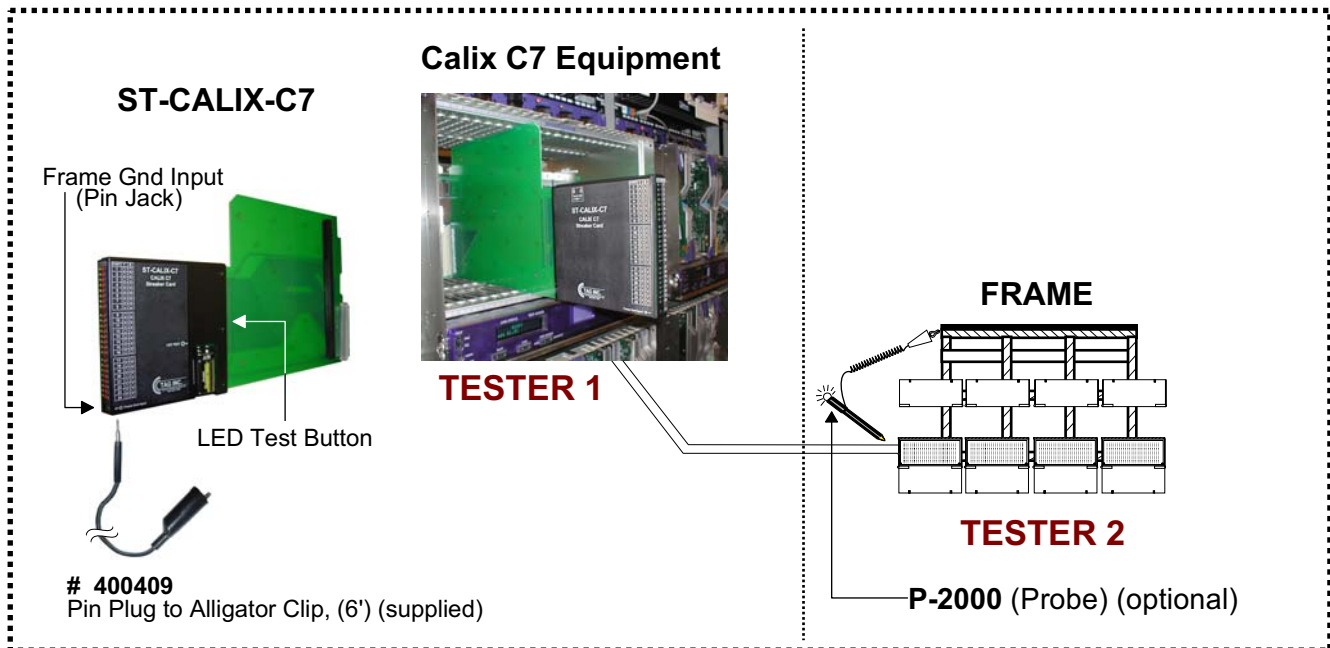


The ST-CALIX-C7 provides a quick method to "streak"- verify wiring via LED's from the backplane of the Calix C7 to the Frame. At the Frame simply ground the corresponding pins and the ST-CALIX-C7 will light the LED associated with that connection.



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### 5 Step by Step Test Procedure



#### TESTER 1 (Equipment)

1. Press LED test button. Verify that all LED's illuminate.  
(If LED's do not illuminate, make sure the 9 volt battery is seated properly or replace it with a new battery).
2. To begin testing, select a Calix C7 Service Slot & insert the ST-CALIX-C7.  
**(CAUTION: Do not force. Verify proper alignment before inserting.)**
3. \*\* If chassis ground is not already connected through the backplane.  
Insert Pin plug test cord (# 400409) into ST-CALIX-C7 (pin jack) and connect the Alligator Clip to Frame Ground.
4. Establish verbal communication with Tester 2 at the Frame. You are ready to begin testing at the Calix C7 (observe LED's illuminating).
5. Verify the wires being probed by Tester 2 according to the label of the ST-CALIX-C7.

#### TESTER 2 (Located where Wires Terminate)

1. Connect test probe (P-2000) Alligator Clip to Frame Ground.
2. Use probe end to "ground the corresponding wiring assignments".
3. The LED on the probe will illuminate to indicate a connection to the ST-CALIX-C7. Tester 1 can now verify that the corresponding LED on the ST-CALIX-C7 is illuminated.  
**They will correspond when correctly wired.**