



## ADTRAN Total Access 3000 Streaker Card ST-TA3000-ORB Practice

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### 2 APPLICATION

The ADTRAN TA3000 Streaker Card (ST-TA3000-ORB) is utilized by installers to quickly and easily verify wiring from the backplane of the TA3000 card slots to the Frame or DSX-1. The “streaker” test determines whether or not the ADTRAN TA3000 card slots are properly connected through the interconnect wiring.

The ADTRAN TA3000 Streaker Card does not require a powered backplane.

### 1 GENERAL

This practice describes the ADTRAN TA3000 Streaker Card (ST-TA3000-ORB) for use with ADTRAN's TA3000 shelf. The ADTRAN TA3000 Streaker Card (ST-TA3000-ORB) is used during installations to quickly verify wiring continuity (“streak”) from the ADTRAN TA3000 Card Slots to the Frame or DSX-1. The Streaker Card has 16 LED's for the 8 Pairs, LED test button, pin jack for connection to the Frame Ground, and a 9-volt battery to power the LED's.

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

### 3 PROCEDURE

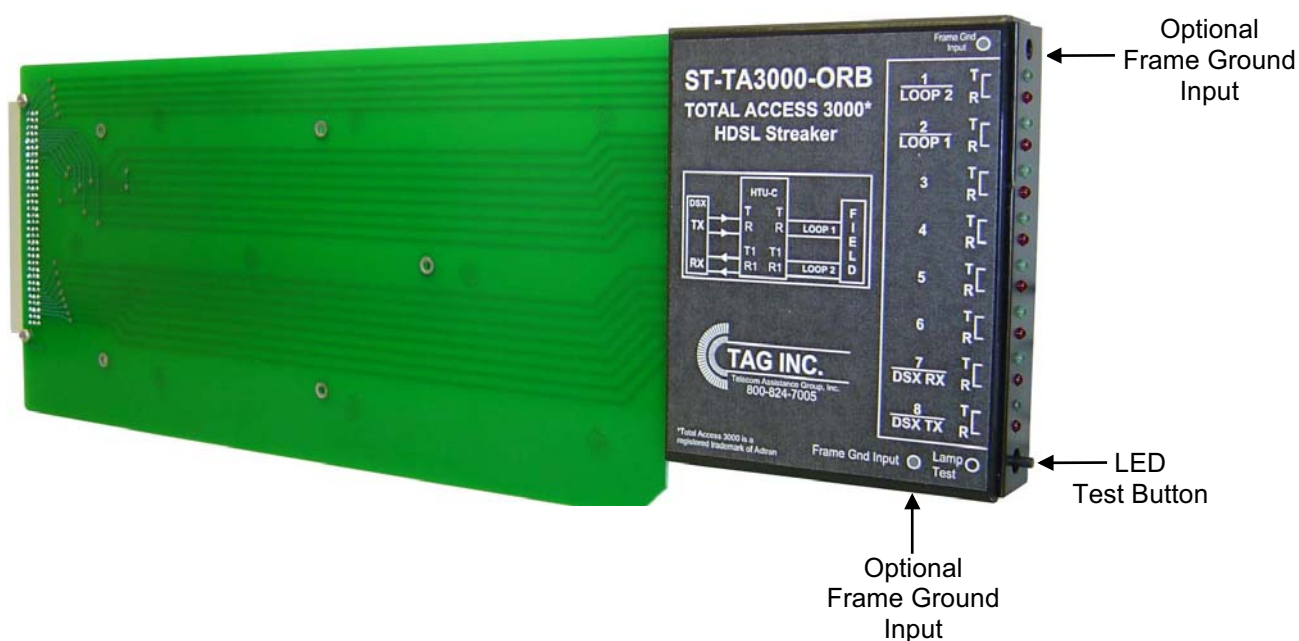
The test procedure typically requires two (2) people for ease of testing. Tester 1 will observe the LED's at the front of the ADTRAN TA3000 Streaker Card (ST-TA3000-ORB). Tester 2 will connect a test probe to Frame Ground and begin by grounding the corresponding pins with the other end of the probe.

See Page 3 for Step-by-Step Test



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### 4 Physical Description and Wiring

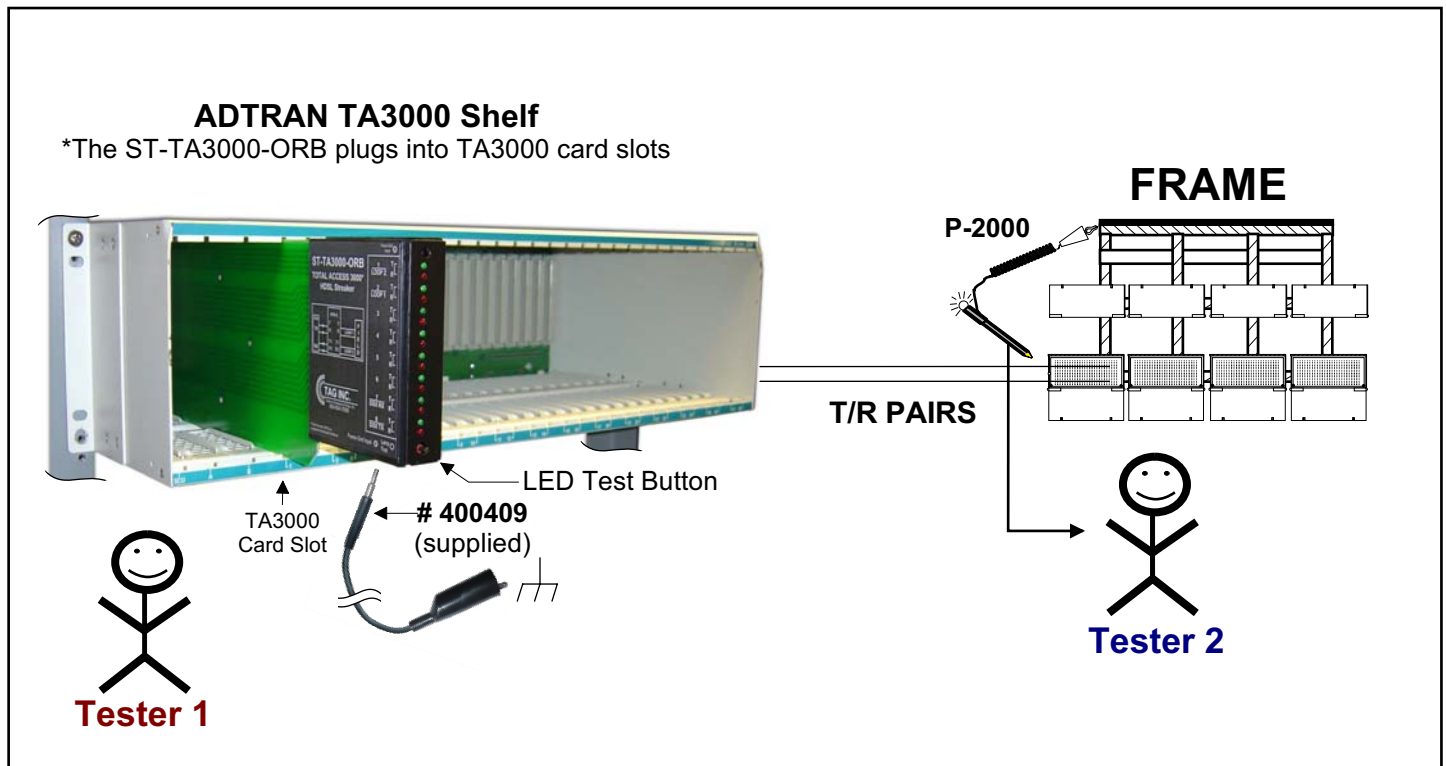


The ST-TA3000-ORB provides a quick method to "streak" - verify wiring via LED's from the Total Access 3000 to wiring termination points. At the frame or DSX-1 simply ground the corresponding pins and the ST-TA3000-ORB will light the LED associated with that connection. The ST-TA3000-ORB is powered by a 9V battery.



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### 5 Step by Step Test Procedure



#### TESTER 1 (ADTRAN Total Access Equipment)

1. Press LED test button. Verify that all LED's illuminate. If LED's do not illuminate, replace with a new battery.
2. Select card slot to begin testing.  
**(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 the ST-TA3000-ORB Streaker Card and connect the Alligator Clip to Frame Ground.
4. Establish communication with Tester 2 at the Frame. You are ready to begin testing at the ADTRAN TA3000 shelf (observe LED's illuminating).

#### TESTER 2 (Frame/DSX-1)

1. Connect test probe (P-2000) Alligator Clip to Frame Ground. Use probe end to "ground the corresponding wiring assignments." (At DSX-1, use DSX cord to Alligator Clips to bring out the Tip & Ring.) The LED on the probe will illuminate to indicate a connection to the ST-TA3000-ORB Streaker Card. The LED on the ST-TA3000-ORB will indicate which wire is being probed.  
**LED (Loop 1 - Tip 1) = Wire wrap (Loop 1 - Tip 1)**