



# Adtran TA5000 VDSL2 Splitter Streaker Card ST-T5K-SPLT24V Practice

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## 2 APPLICATION

The ST-T5K-SPLT24V is utilized by installers to quickly and easily verify wiring from the backplane of the Adtran TA5000 Splitter Shelf (1187870G1) 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 Adtran TA5000 Splitter Shelf is properly connected through the interconnect wiring.

The ST-T5K-SPLT24V is powered by a 9v battery and does not require a powered backplane.

## 1 GENERAL

This practice describes the TAG Streaker Card (# ST-T5K-SPLT24V) for use in the Adtran TA5000 Splitter Shelf # 1187870G1. The streaker card is used during VDSL2 installations to quickly "streak", verify wiring continuity, from the Adtran Splitter Shelf slots to the MDF. It has 96 LED's that correspond to the interface wiring of the equipment. The Streaker Card 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 Physical Description and Connections  
- See Page 2.*

## 3 PROCEDURE

The test procedure typically requires two (2) people for ease of testing. Tester 1 plugs the ST-T5K-SPLT24V into an Adtran TA5000 Splitter Shelf card slot and grounds the streaker using the supplied ground cord (# 400409).

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

*For Complete Step by Step Test Procedure -  
See Page 3.*

## Adtran TA5000 VDSL2 Splitter Streaker Card ST-T5K-SPLT24V Practice

### 4 Physical Description and Connections

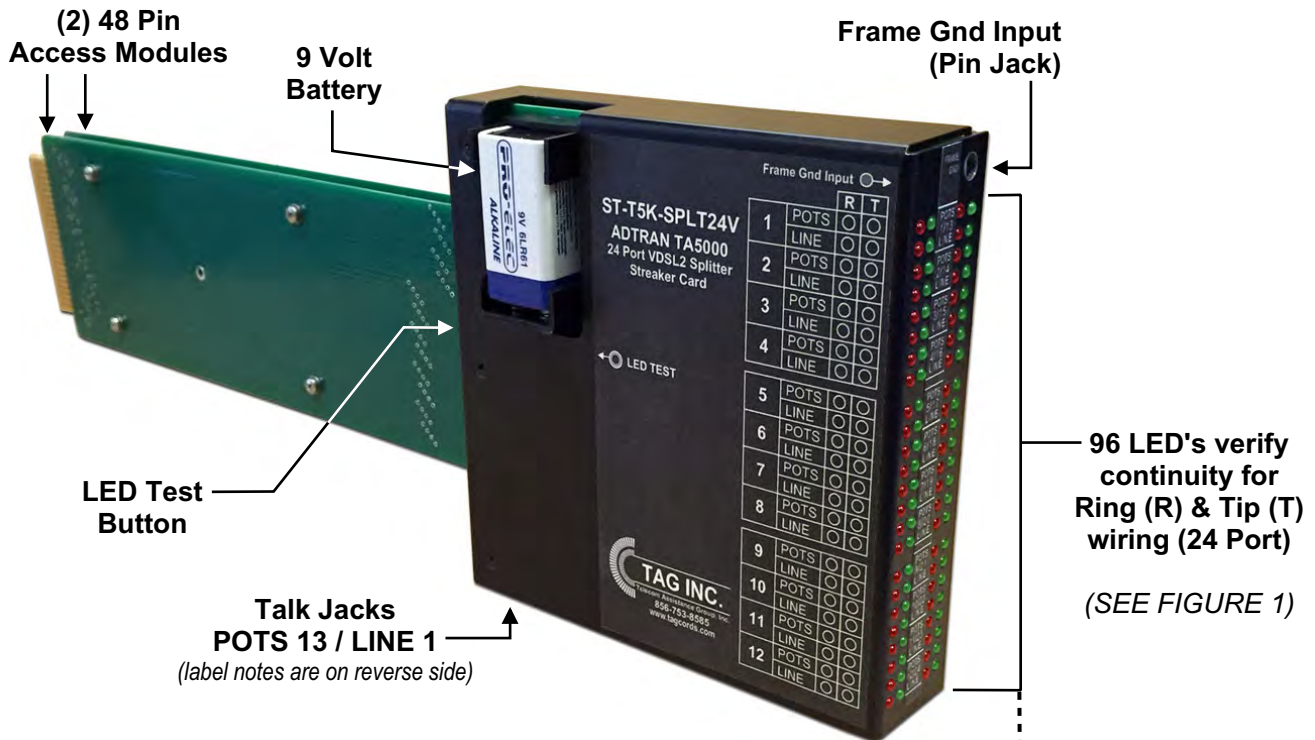
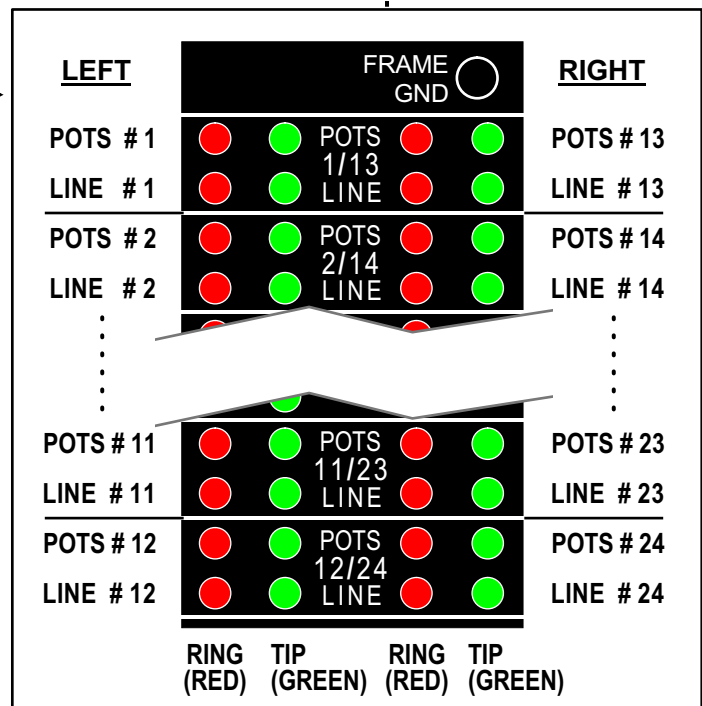


FIGURE 1

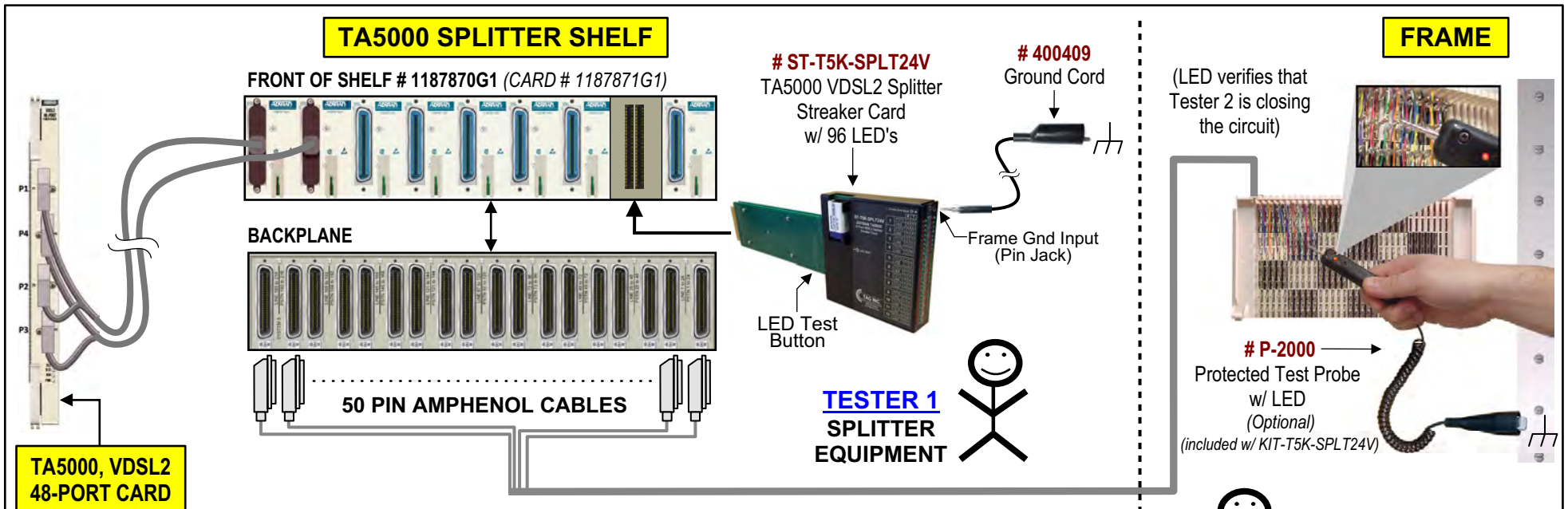
#### VIEW OF FRONT PANEL (ENHANCED FOR CLARITY)



The ST-T5K-SPLT24V provides a quick method to "streak", verify wiring via LED's, from the backplane of the Adtran TA5000 Splitter Shelf (1187870G1) to the MDF. At the MDF simply ground the corresponding pins and the Streaker Card will light the LED associated with that connection.

## Adtran TA5000 VDSL2 Splitter Streaker Card ST-T5K-SPLT24V Practice

### 5 Step by Step Test Procedure



#### TESTER 1 (Located at the Adtran TA5000 Splitter Shelf)

1. Press the LED test button on the Streaker Card (# ST-T5K-SPLT24V). 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 an Adtran Splitter Slot & insert the Streaker Card. Verify proper alignment & push firmly to fully engage the backplane connectors.
3. Insert the Pin Plug ground cord (# 400409) into the Frame Gnd Input jack at the top of the Streaker Card. 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 Adtran Splitter Shelf (observe LED's illuminating).
5. Verify that the LED's associated with the wires being probed by Tester 2 illuminate as indicated on the label of the ST-T5K-SPLT24V.

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

1. Connect the optional test probe (# P-2000) Alligator Clip to frame ground.
2. Use the probe end to "ground the corresponding wiring assignments".
3. The LED on the probe will illuminate to indicate a connection to the ST-T5K-SPLT24V. Tester 1 can now verify that the associated LED on the ST-T5K-SPLT24V is illuminated. **They will correspond when correctly wired.**