

UMC 1000 Streaker Board ST-UMC1000 Practice

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2 APPLICATION

The ST-UMC1000 is utilized by installers to quickly and easily verify wiring from the backplane of the UMC 1000 to the DSX-1 or cross-connect Frame. Easy access via the test board eliminates slower methods of testing. The "streaker" test determines whether or not the UMC card slots are properly connected through the interconnect wiring. The ST-UMC1000 does not require a powered backplane.

1 GENERAL

This practice describes the ST-UMC1000 test board for use with AFC's UMC 1000. The UMC 1000 is registered to Advanced Fibre Communications. The ST-UMC1000 is used during installations to quickly ("streak") verify wiring continuity from the UMC 1000 card slots to the DSX-1 and/or Frame. The Streaker Card has 12 LED's that correspond to the backplane wiring of the UMC 1000. The board has a 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.

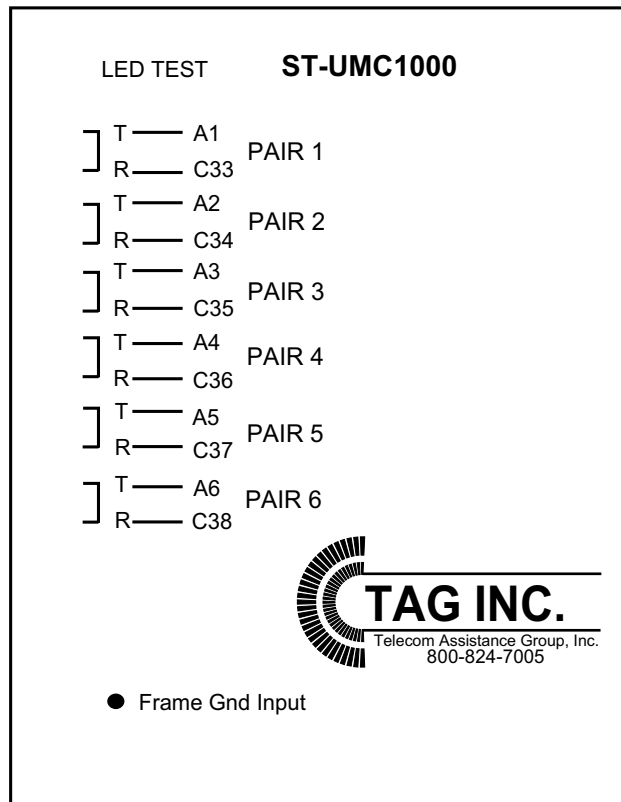
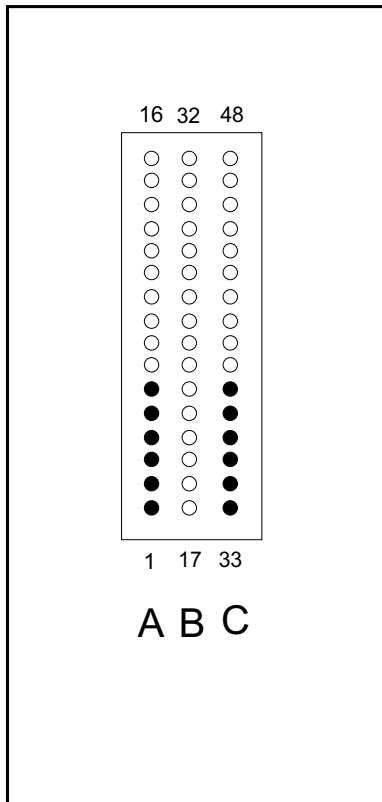
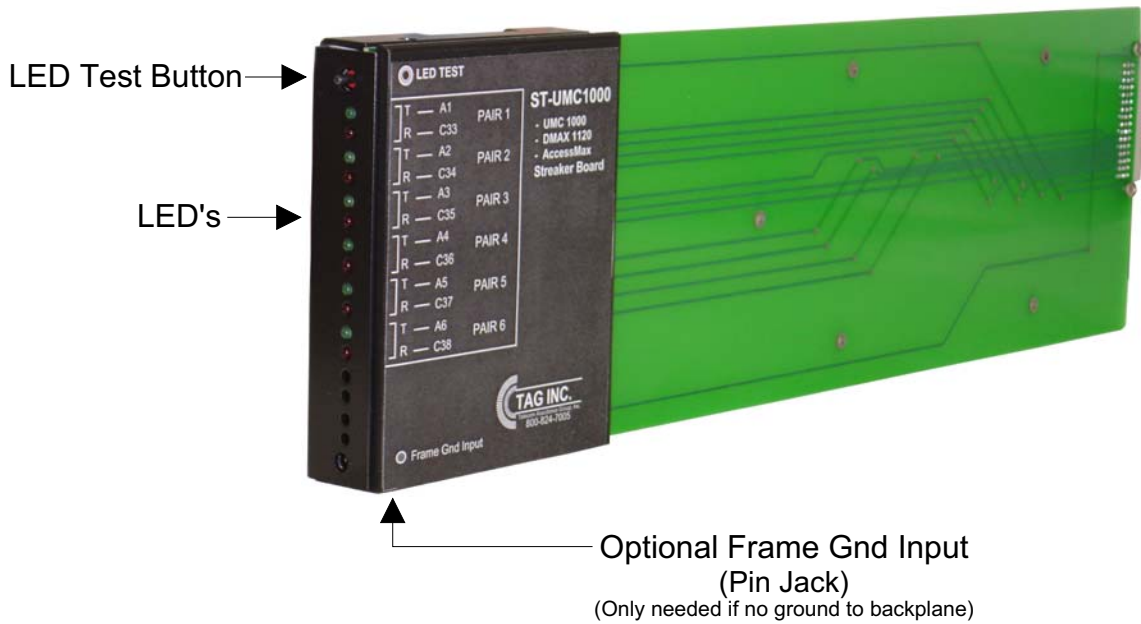
3 PROCEDURE

The test procedure typically requires two (2) people for ease of testing. Tester 1 will observe the LEDs at the front of the ST-UMC1000. 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 - Step-by-Step Test Procedure.

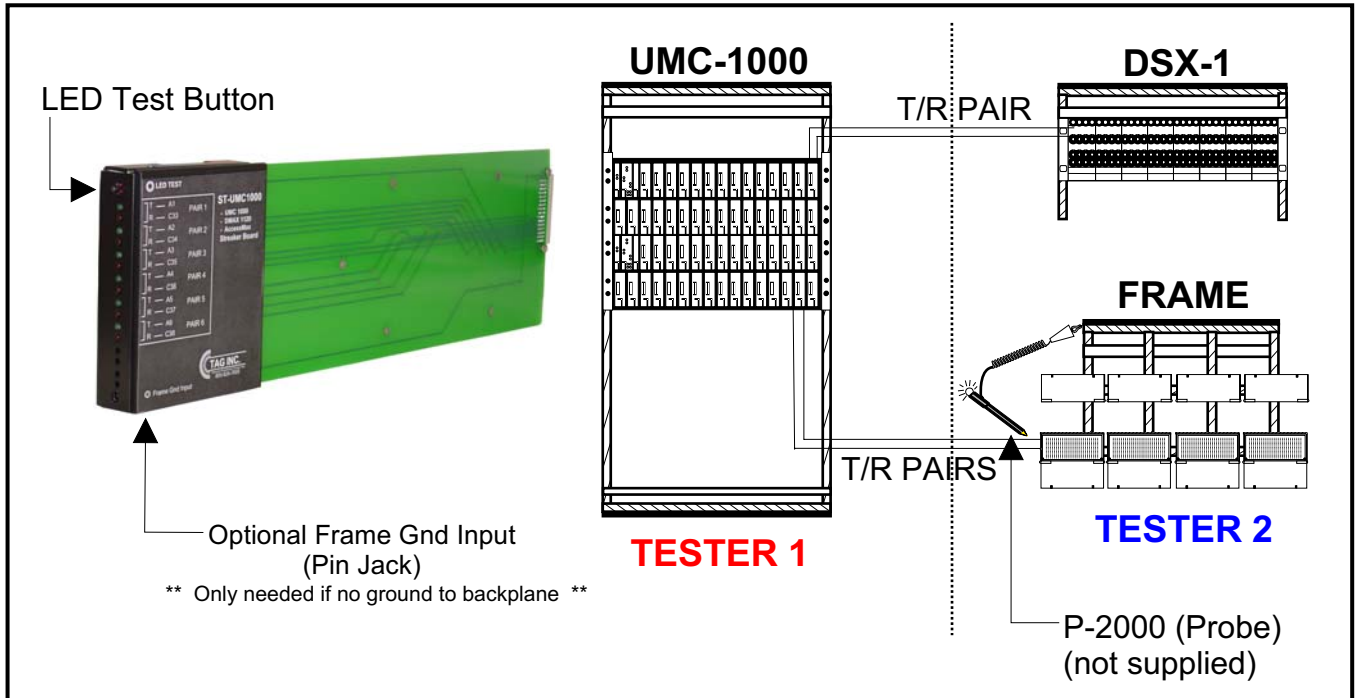
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4 Physical Description/Wiring



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5 Step by Step Test Procedure



TESTER 1 (UMC 1000 Equipment)

1. Press LED test button. Verify that all LED's illuminate.
(if LED's do not illuminate - make sure 9 volt battery seated properly or replace with new battery)
2. Select General Purpose 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 ST-UMC1000 (pin jack) and connect Alligator Clip to Frame Ground.
4. Establish communication with Tester 2 at the DSX-1 or Frame. You are ready to begin testing at the UMC 1000 (observe LED's illuminating).

TESTER 2 (DSX-1 or Frame)

1. Connect test probe (P-2000) Alligator Clip to Frame Ground.
Use probe end to "ground the corresponding wiring assignments".
The LED on the probe will illuminate to indicate a connection to the ST-UMC1000.
The LED on the ST-UMC1000 will indicate which wire is being probed.
They will correspond when correctly wired.

Note: At DSX-1 utilize Bantam to Alligator Clips for access to Tip and Ring or touch probe to Tip portion and/or Ring portion of Bantam plug.