



UMC 1000/DMAX 1120 Test Board TB-UMC1000 Practice

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2 APPLICATION

The TB-UMC1000 is utilized by installers verify that the cabling is wired correctly and will transmit and receive a good T1 signal.

Easy access via the test board eliminates slower methods of testing. The "streaker" test determines whether or not the UMC/DMAX's card slots are properly connected through the interconnect wiring. The ST-UMC1000 does not require a powered backplane.

1 GENERAL

This practice describes the TB-UMC1000 test board for use with AFC's UMC 1000/DMAX 1120. The UMC 1000/DMAX 1120 is registered to Advanced Fibre Communications. The Test Board has 2 Bantam Jacks (TX & RX) that allow access to the cabling from the UMC 1000/DMAX 1120 card slots to the DSX-1. These cabling points are used with test sets to verify that the cabling is wired correctly and will transmit and receive a good T1 signal. The TB-UMC1000 is intended to pretest general purpose slots that are going to be utilizing T1 cards: T1, T1X, T1AX...

See Page 2 - Physical Description/Wiring.

3 PROCEDURE

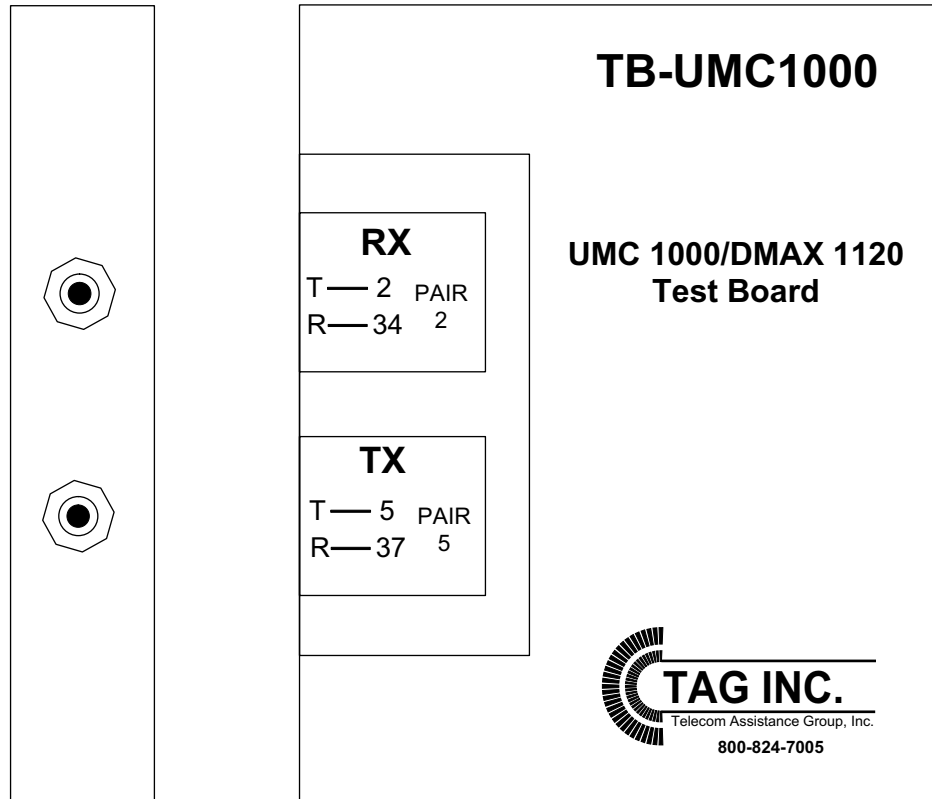
The test procedure typically requires two (2) people for ease of testing. Tester 1 will observe the LED's at the front of the ST-UMC1000. Tester 2 will connect a test probe to Frame Ground and begin by grounding the corresponding pins with the other end of the probe.

See Page 3 - Step-by-Step Test Procedure.



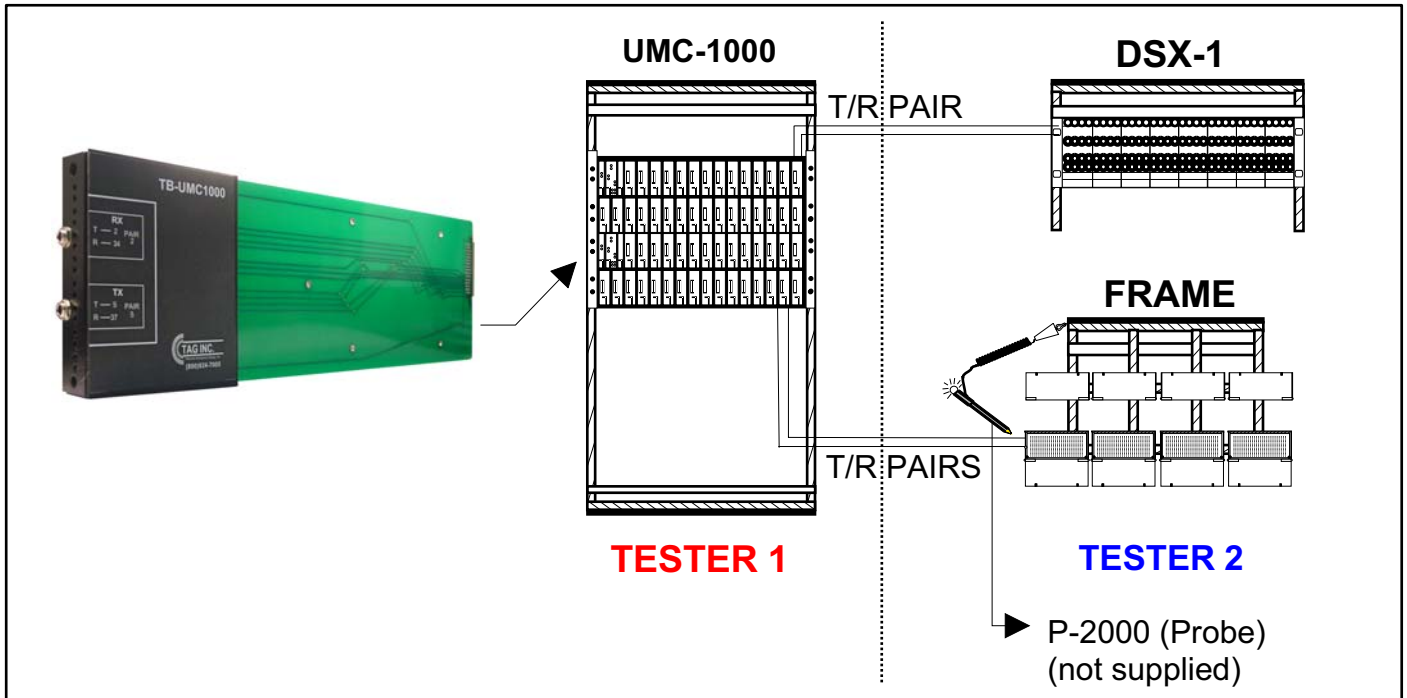
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4 Physical Description/Wiring



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5 Step by Step Test Procedure



Step Procedure

When plugging the test board into the UMC-1000 shelf use normal static procedures.

1. Visually check connector on Test Board and backplane of UMC-1000 card slots for connector wear or pin obstruction.
2. Verify proper alignment and insert TB-UMC1000 into card slot.
(CAUTION: Do not force. Verify proper alignment before inserting).
3. Establish communication with **Tester 2** at the DSX-1.
4. **Tester 1** will transmit a T1 test signal from UMC-1000 Slot 1 TX1.
5. **Tester 2** will record that a "Good" T1 signal has been received at DSX-1 CKT 1 OUT.
6. **Tester 2** will transmit a T1 test signal from DSX-1 IN.
7. **Tester 1** will record that a "Good" T1 signal has been received at UMC-1000 Slot 1 RX1.
8. The Testers will move to the next circuit and perform the same test until all the circuits have been tested and approved.