TAG INC.
Telecom Assistance Group, Inc.
800-824-7005

Fujitsu FLASHWAVE® 4100 DS3 Test Board
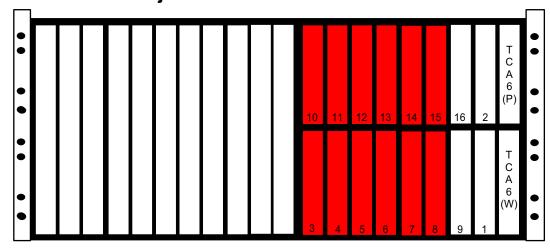# TB-FUJ4100DS3 Practice

The TB-FUJ4100DS3 provides a quick method to transmit an acceptable test signal from the FLASHWAVE 4100 DS3 card slots to the DSX-3. At the DSX-3, Tester 2 will loop the signal back to the TB-FUJ4100DS3 and determine if the signal is acceptable for system turnup. The wiring label indicates Transmit (Tx) and Receive (Rx) 440A jacks for the 3 DS3 circuits. The TB-FUJ4500DS3 is used on non-powered systems.
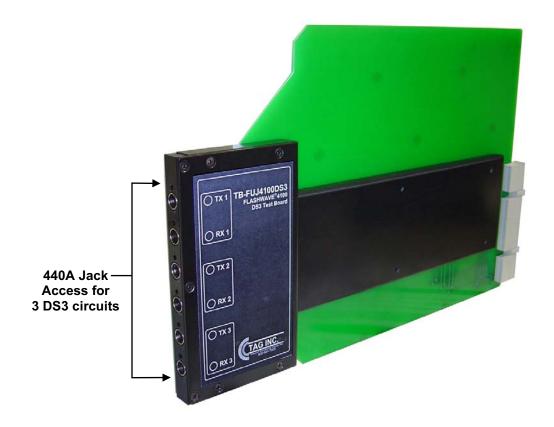
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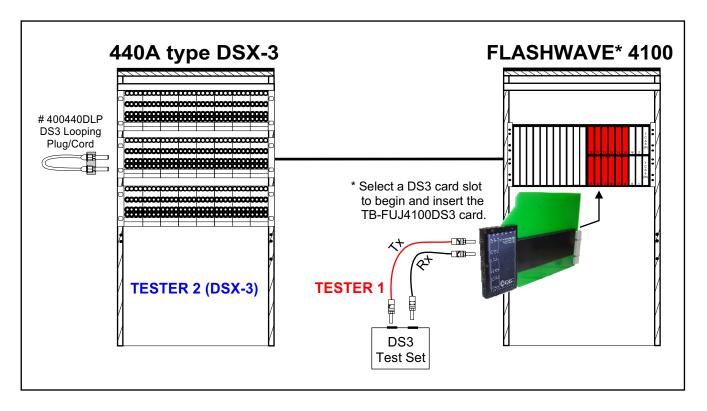## ▶ Physical Description / Wiring

Fujitsu FLASHWAVE* 4100 Shelf

| | | | | | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 2 | TCA6 (P) |
| | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | TCA6 (W) |

🟥 ***The (TB-FUJ4100DS3) FLASHWAVE* 4100 DS3 Test Board will plug into slots (3-8) & (10-15) color coded red.**

440A Jack Access for 3 DS3 circuits

TX 1
RX 1
TX 2
RX 2
TX 3
RX 3

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DS3 Test Board

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▶ Step by Step Procedure

440A type DSX-3

FLASHWAVE* 4100

400440DLP
DS3 Looping
Plug/Cord

TESTER 2 (DSX-3)

* Select a DS3 card slot
to begin and insert the
TB-FUJ4100DS3 card.

Tx

Rx

TESTER 1

DS3
Test Set

Test Acceptance Procedure:

1. Select DS3 card slot (3-8) or (10-15) to begin testing.
    (CAUTION: Do not force. Verify proper alignment before inserting.)

2. Using a DS3 Test Set, connect 440A DS3 cords (400440ARD) -Transmit (Tx) and (400440ABK) -Receive (Rx) to the appropriate jacks from the TB-FUJ4100DS3 to the DS3 test set to perform an acceptance test.

3. Establish communication with Tester 2 at the DSX-3. Determine which circuits you will be testing. Tester 2 will loop the test signal back to Tester 1 with a DS3 looping plug/cord (400440DLP).

4. Tester 1 will verify that the signal transmitted is acceptable for qualification purposes.