

47A TEST EXTENDER - 5STE210BAA

DATA SHEET

SLC[®] SERIES 5 CARRIER SYSTEM

The 47A Test Extender (COMCODE 104374640) is used to provide metallic test access to any slot of a J1C142A1,L2 or J1C142A1,L4 PGTC (pair gain test controller) or XTC (extended test controller) trunk unit (SM92/SM94). It is used to perform acceptance or maintenance tests of the PGTC/XTC and provides test access for local testing of pair gain systems (i.e., SLC Series 5 and SLC 96 carrier systems) via a trunk test set. Faceplate mounted 310-compatible jacks provide splitting access to odd and even NTT (no test trunk) lines coming from an MLT (mechanized loop test) or a local test desk. A second set of 310-compatible jacks provide splitting access to odd and even NTT lines going to the SM92/SM94 trunk card. A fifth 310-compatible jack provides access to a -48V power source for the trunk test set.

Figure 1 is a functional block diagram of the unit and Figure 2 shows the faceplate and jack designations.

The FROM MLT/TEST DESK jacks provide test access to the tip (T), ring (R), and sleeve (S) leads on the EVEN TRUNK and ODD TRUNK to make continuity measurements between the PGTC backplane and MLT or fault test desk to verify proper cabling.

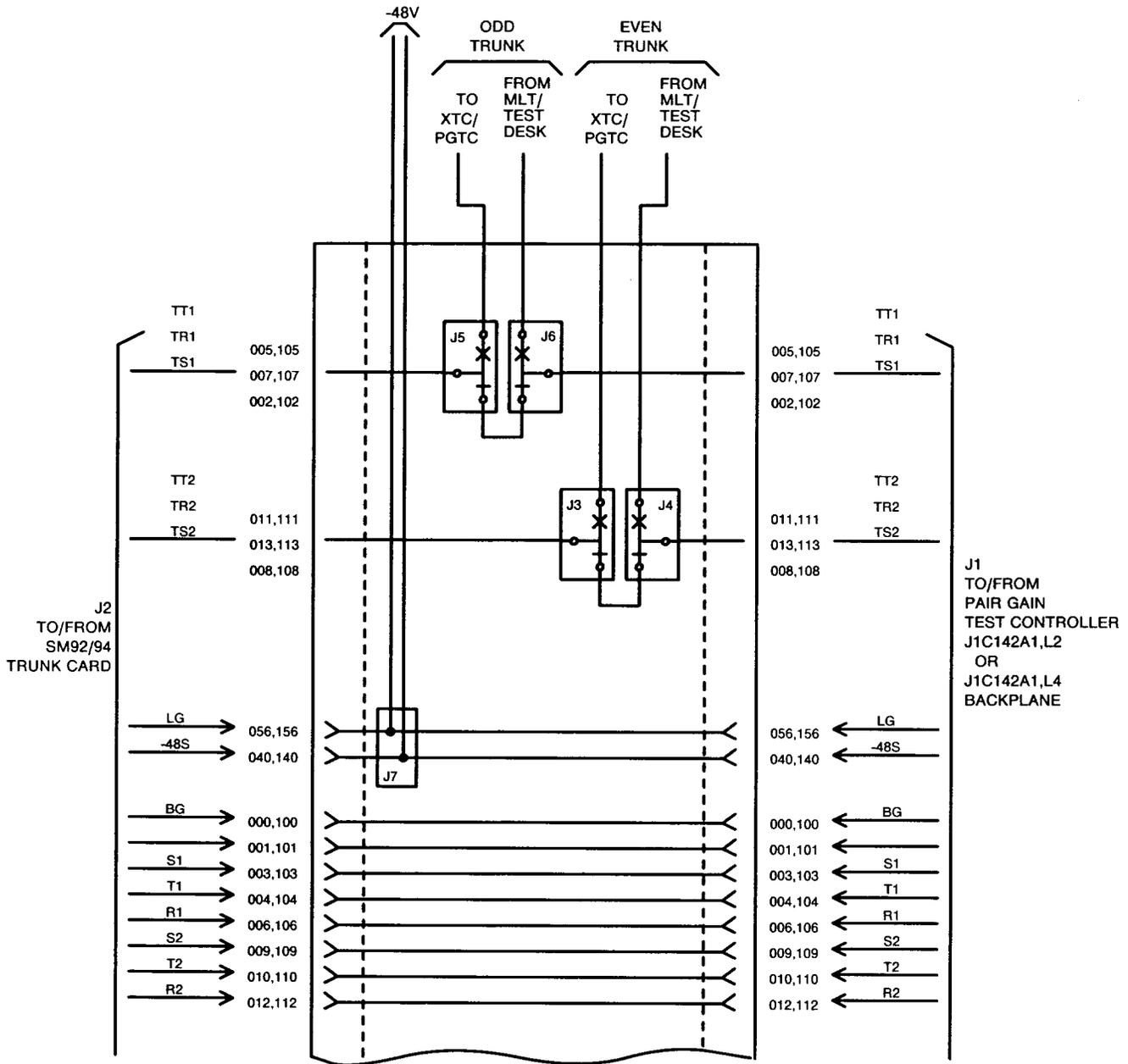
The PGTC/XTC jacks provide test access to the input (T, R, and S leads) of the SM92/SM94 trunk card necessary to perform installation acceptance tests or maintenance tests using a KS-22475 Trunk Test Set as outlined in AT&T Practice 363-205-300. These jacks (for EVEN TRUNK and ODD TRUNK) can also be used to perform local tests of pair gain systems (i.e., SLC Series 5 and SLC 96 carrier systems) via a trunk test set.

To use the 47A test extender:

1. Remove the SM92/SM94 Trunk Card to be tested from the PGTC shelf.
2. Insert the 47A test extender into the trunk card slot.
3. Insert the SM92/SM94 trunk card into the 47A test extender.

Technical assistance for the SLC Series 5 carrier system can be obtained by calling the Regional Technical Assistance Center at 1-800-225-RTAC. This telephone number is staffed 24 hours per day.

Published by
The AT&T Documentation Management Organization.



NOTE: The J3, J4, J5, and J6 symbols represent 310-type (TIP, RING, and Sleeve) splitting type jacks.

Figure 1-47A Test Extender Block Diagram (Page 1 of 2)

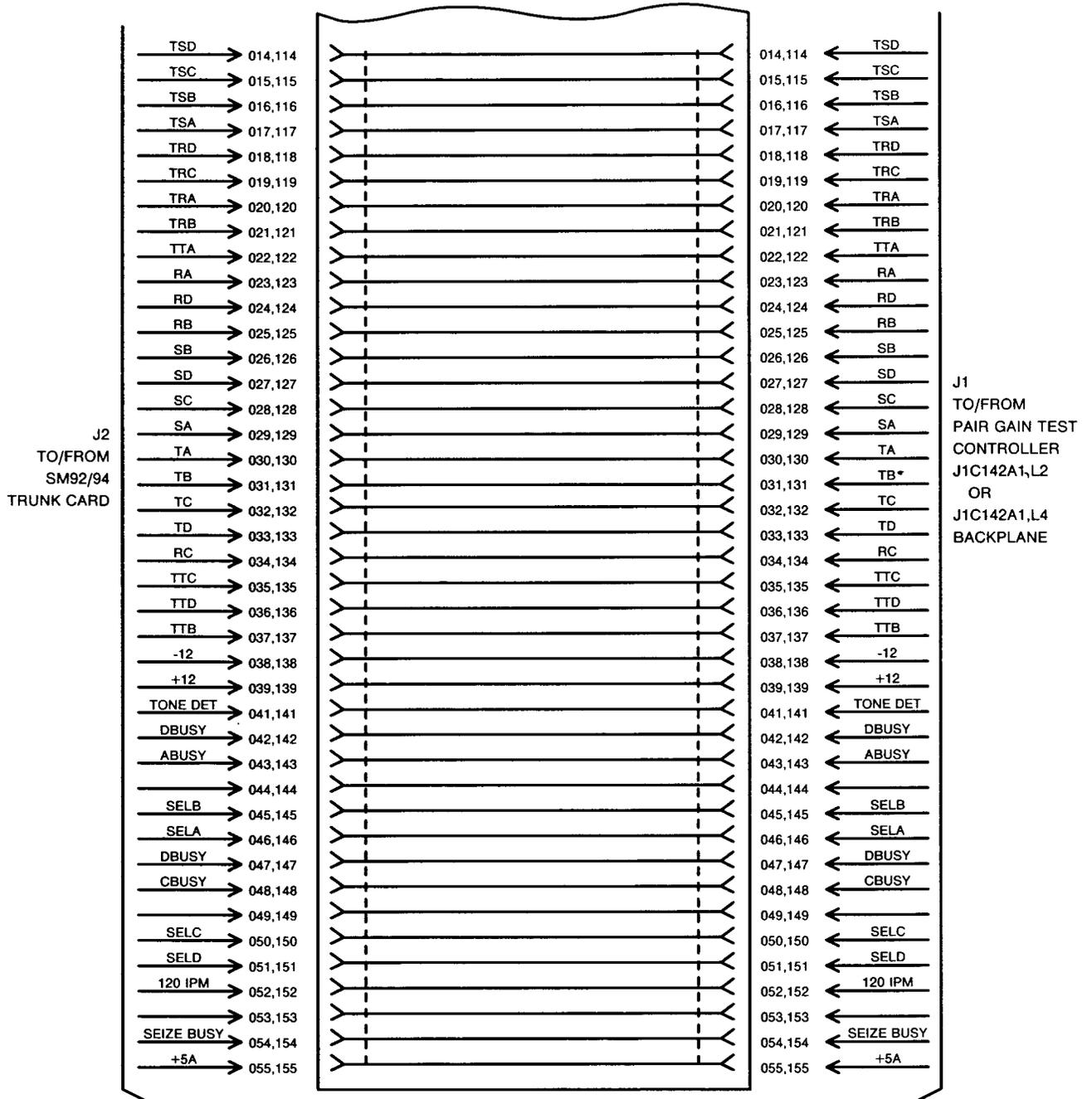


Figure 1—47A Test Extender Block Diagram (Page 2 of 2)



Figure 2—47A Test Extender Faceplate