J99343SN-1, L1 VOICE FREQUENCY AMPLITUDE AND DELAY EQUALIZER

DATA SHEET

METALLIC FACILITY TERMINAL

The **J99343SN-1, L1** is a 4-wire transmission unit providing adjustable amplitude and delay equalization (when equipped with **950-type** plug-in equalizers) for voice frequency circuits. It may be used for equalization in either or both transmission directions. For equalization in only one direction, the single-module mounting or the transmission unit slot of the double-module shelf should be used. For equalization of both transmission directions, units should be mounted in both slots (transmission and signaling) of the double-module shelf or in tandem of a single-module shelf. For a detailed description of this unit, see Section 332-912-250, **CD-1C359-01,** and **SD-1C359-01** (CPS32). A block diagram is shown in Fig. 1 and switch designations are shown in Fig. 2.

GAIN ADJ: This control is mounted on the faceplate and adjusts the unit for 0 **dB** when equalizers are adjusted.

DC: This switch completes the SX signaling path around the equalizers when the screw switch is down.

INPUT LEVEL: This switch supplies a constant input level (independent of circuit level) to the equalizer. Input level is selected by positioning the switch lever parallel to the number desired.
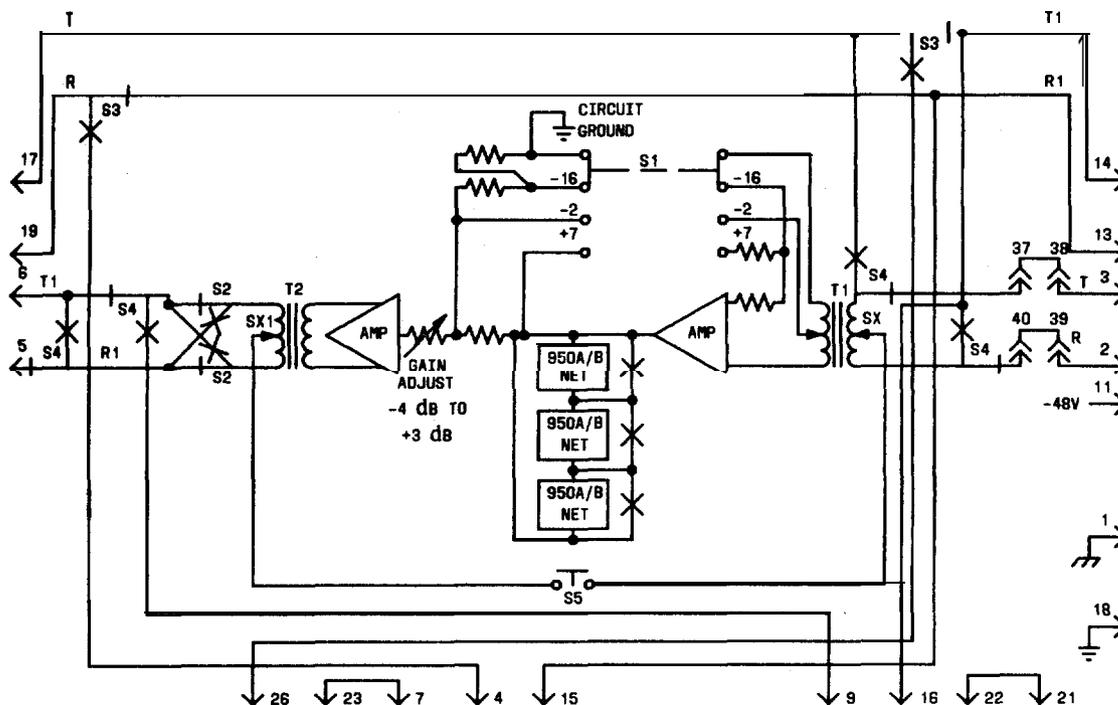

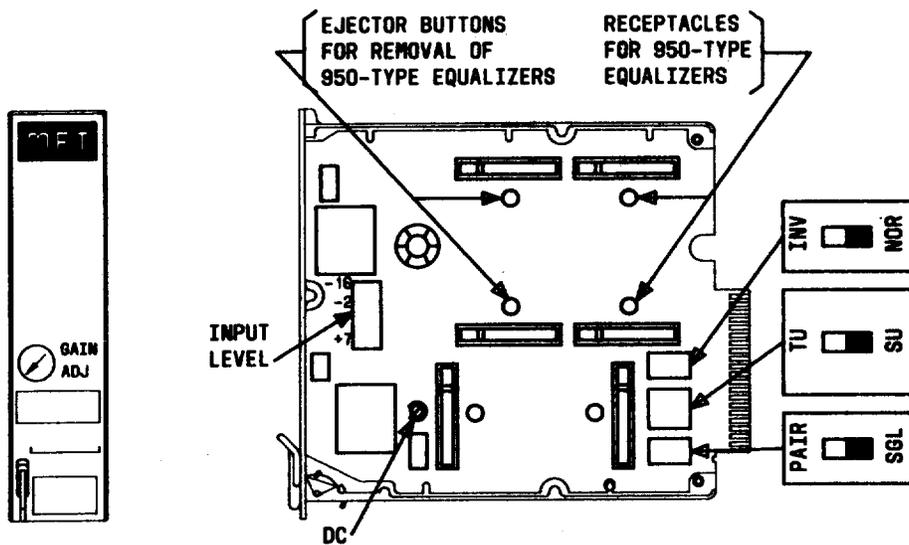Fig. 1 — **J99343SN-1, L1** Block Diagram

Fig. 2—J99343SN-1, L1 Component Layout

NOR/INV: This switch is used to compensate for 180 degrees phase shift through the 950A equalizer. Set to NOR for an even number of 950As, set to INV for odd number of 950As.

SU/TU: This switch sets up the unit for the mounting slot being used. Set the switch to TU for unit used in single-module shelf or in the TU slot of a double-module shelf. Set to SU for unit used in SU slot of double-module shelf. When used in SU slot of double-module shelves, a companion unit must be used in the TU slot.

SGL/PAIR: This switch forms the input and output connection for equalization of one or both transmission paths. For equalizing one direction, set the switch to SGL. Set to PAIR when two units are used in a double-module mounting.