

## B-TYPE CABLE TERMINALS

### WIRING

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1.	GENERAL		
1.01	This section covers the wiring of B-type cable terminals.		2. INSTALLING CROSS-CONNECT WIRES
1.02	Whenever this section is reissued, the reasons for reissue will be listed in this paragraph.		2.01 The stub cable pairs are prewired to the binding posts which are counted left to right and top to bottom on each panel.

**NOTICE**

This document is either  
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ELECTRIC - Proprietary

Pursuant to Judge Greene's Order of August 5, 1983, "BELL" and the Bell symbol, with the exceptions as set forth in that Order. Pursuant thereto, any reference to "BELL" and/or the BELL symbol in this document is hereby deleted and "expunged".

2.02 Terminate the cross-connect wire in BK1- and BL1-type cable terminals in accordance with the following procedures (Fig. 1):

- (a) Locate the feeder pair as identified on the service order.
- (b) Verify the feeder pair using the test cord and clip with headset connected to the appropriate terminal located in the top of the cabinet.
- (c) Locate the assigned distribution pair in the blue field. Pull enough cross-connect wire from the spool to reach the assigned distribution pair binding post. Strip approximately 1 inch of insulation from the ends of the cross-connect wire. Do not nick the conductors.
- (d) Using a screwdriver, loosen the binding post screws and place the wires between the washers on the binding post. Tighten the screw finger tight plus one-fourth turn with the screwdriver. **Do not overtighten.** Cut excess wire at the binding post and remove the wire clipping.
- (e) Using an orange stick, dress the cross-connect wire horizontally between the rows of binding posts. Cross-connect wires terminated on the right side of the terminal are routed just below the binding post, and wires terminated on the left side are routed just above the binding post.
- (f) Place the wires through the wiring slot. Pull length of wire from the spool to pass through the wiring channel behind the binding post with a sufficient amount of slack (approximately 2 inches) for tracing. Cut to the required length.
- (g) Route the cross-connect wire through the wiring channel behind the binding post and around through the appropriate wiring slot (e) to the assigned feeder binding post in the green field. Remove the test cord (b) and terminate the wire as outlined in (d).

**Note:** On subsequent line changes, a wire that is found to be too short must be replaced and not spliced.

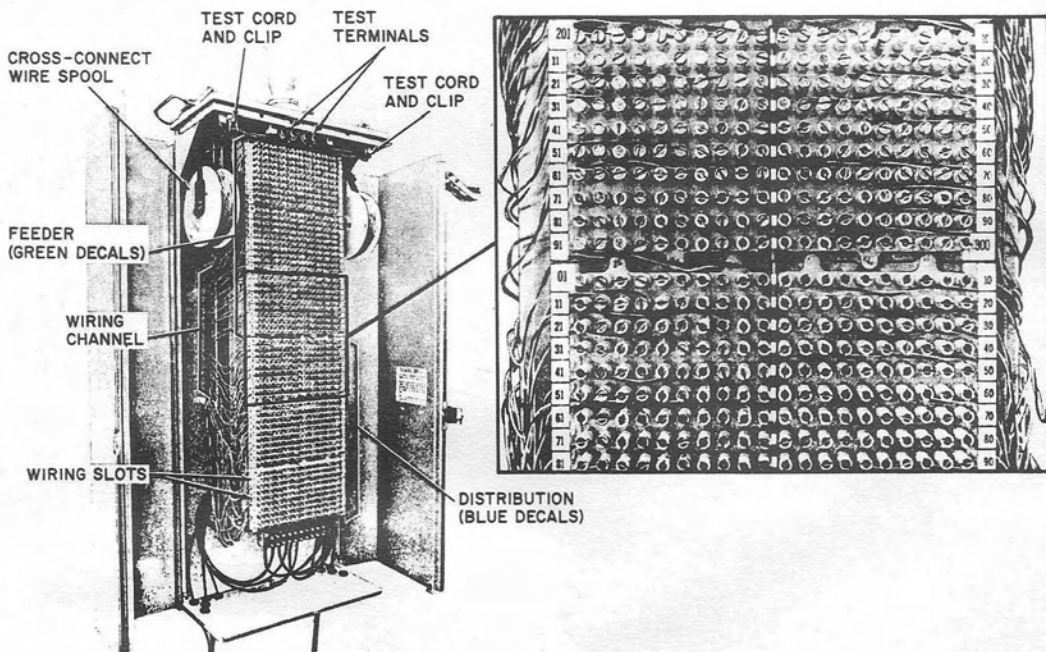


Fig. 1—Running Cross-Connect Wire

(h) Where it is necessary to assign two distribution cable pairs to form a party line, cross-connect both distribution cable pairs to the feeder cable pair. Terminate one cross-connect wire under the lower washer and the other wire between the washers on the binding posts of the feeder pairs. When more than two distribution cable pairs are required for bridging, cross-connect the first two distribution cable pairs to the feeder cable pair as previously outlined. The additional bridges are connected one to each of the associated distribution cable pairs. Terminate one wire under the lower washer and the other wire between washers on the binding posts of the distribution pair.

### 3. INSTALLING DROP AND BLOCK WIRE

3.01 Install the drop wire in the pole-mounted terminals in accordance with the following procedure:

- (a) Place the bridle rings on the pole as shown in Fig. 2.
- (b) Where a drop wire is to be terminated on the right side of the terminal chamber, run the wire down the right side of the pole behind the terminal, through the two rings below the terminal, and into the wire entrance holes on the bottom left of the terminal box. The routing is shown in Fig. 2. Where the drop wire is to be terminated on the left side of the terminal chamber, run the wire down the left side of the pole behind the terminal, through the two rings below the terminal, and into the wire entrance holes on the bottom right of the terminal box (Fig. 2).
- (c) Insert the drop wire into one of the entrance holes located in the bottom of the terminal housing.

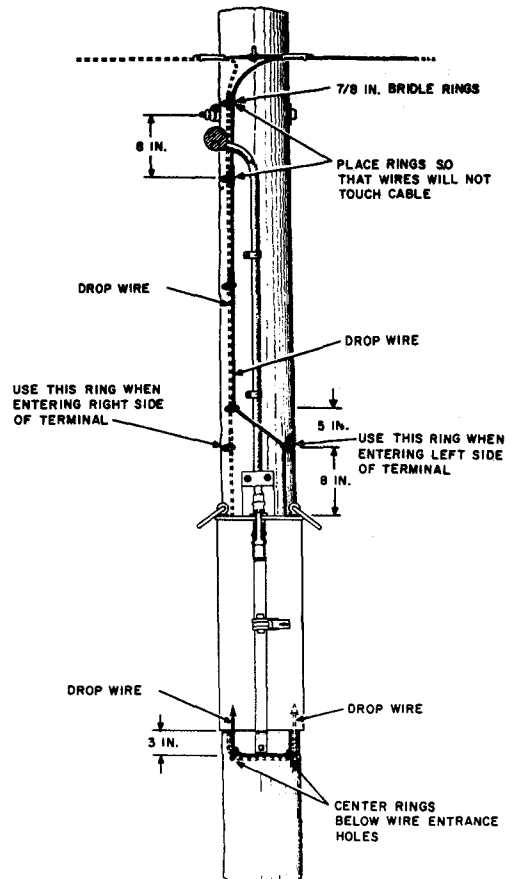


Fig. 2—Running Drop Wire

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(d) Install G cross-connect wire between the feeder pair binding posts and the vacant drop wire binding posts. Loop the drop wire once through the lower wiring chamber, then terminate as shown in Fig. 3.

**TERMINATING BLOCK WIRE**

**3.02** Install block wires in the wall-mounted terminals in the manner described for the drop wire.

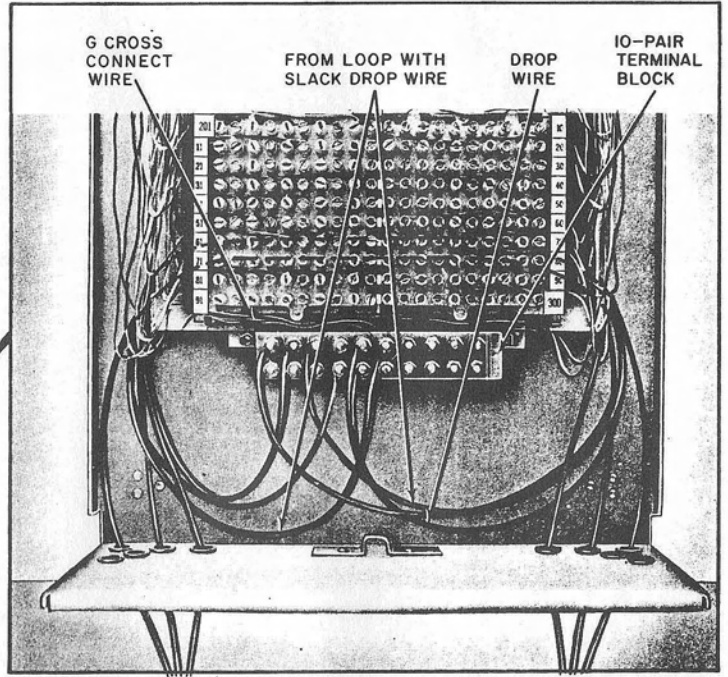
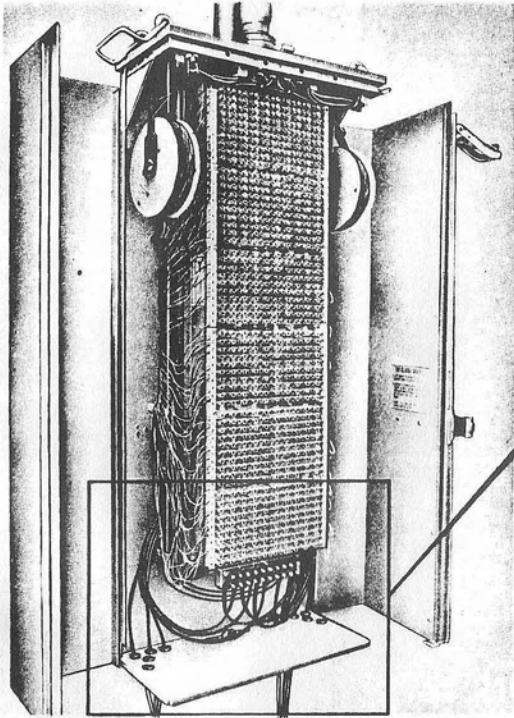


Fig. 3—Terminating Drop Wire