

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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1530 TYPE INDUCTORS
WIRING

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1. GENERAL

1.01 This section covers the wiring of 1530 Type Inductors at junctions of open wire or drop wire and cable containing carrier pairs.

1.02 This section is being reissued to indicate that the block wires running between the apparatus box and the cable terminal must be separated from the drop wires feeding the subscriber stations.

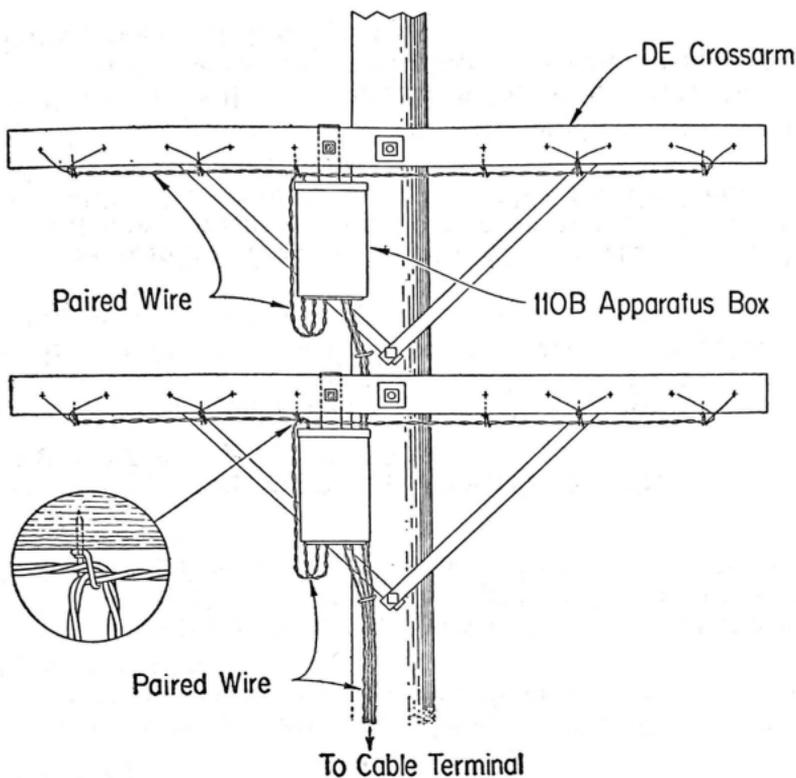
2. WIRING INDUCTORS AT JUNCTIONS OF OPEN WIRE AND CABLE

2.01 Use paired wire (AL, HD or Block) for bridling between open wire circuits and 1530 Type Inductors housed in a 110B Apparatus Box and between inductors and cable terminals. Terminate the bridling as outlined in the following.

(1) The bridling from the open wire enters the left-hand entrance holes on the bottom of the 110B Apparatus Box while the bridling from the cable terminal enters the right-hand entrance holes.

(2) Place only one pair in each grommeted entrance hole.

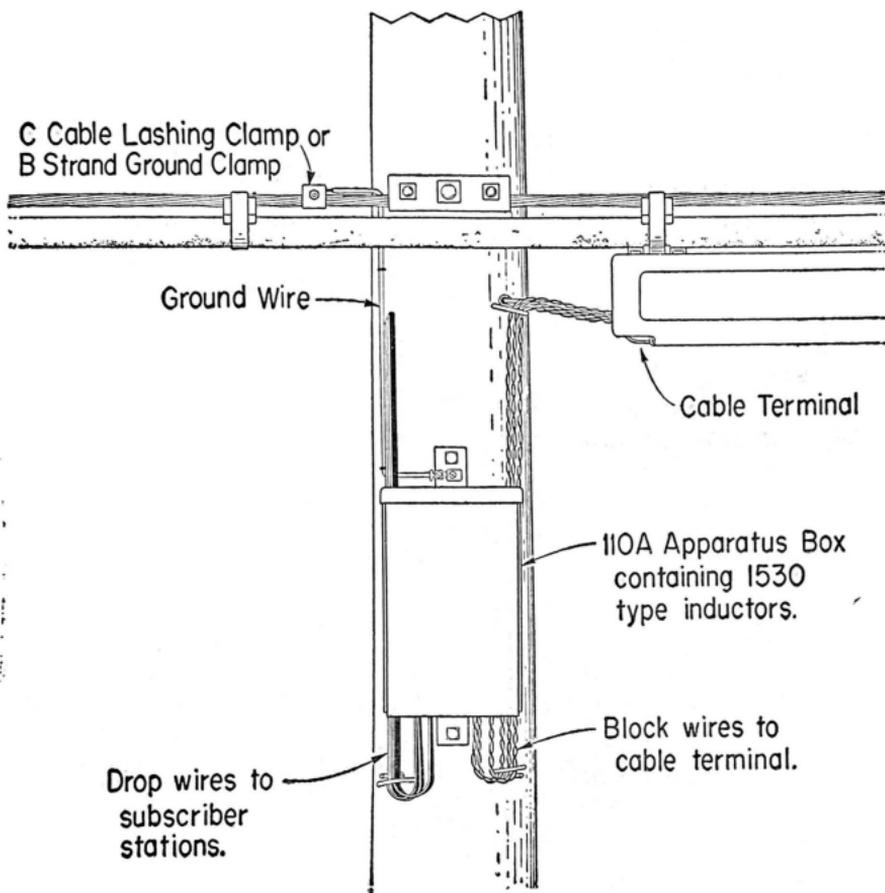
(3) Cut wire to the proper length for terminating. Skin and clean the wire ends and place between washers on the binding posts of the inductor.

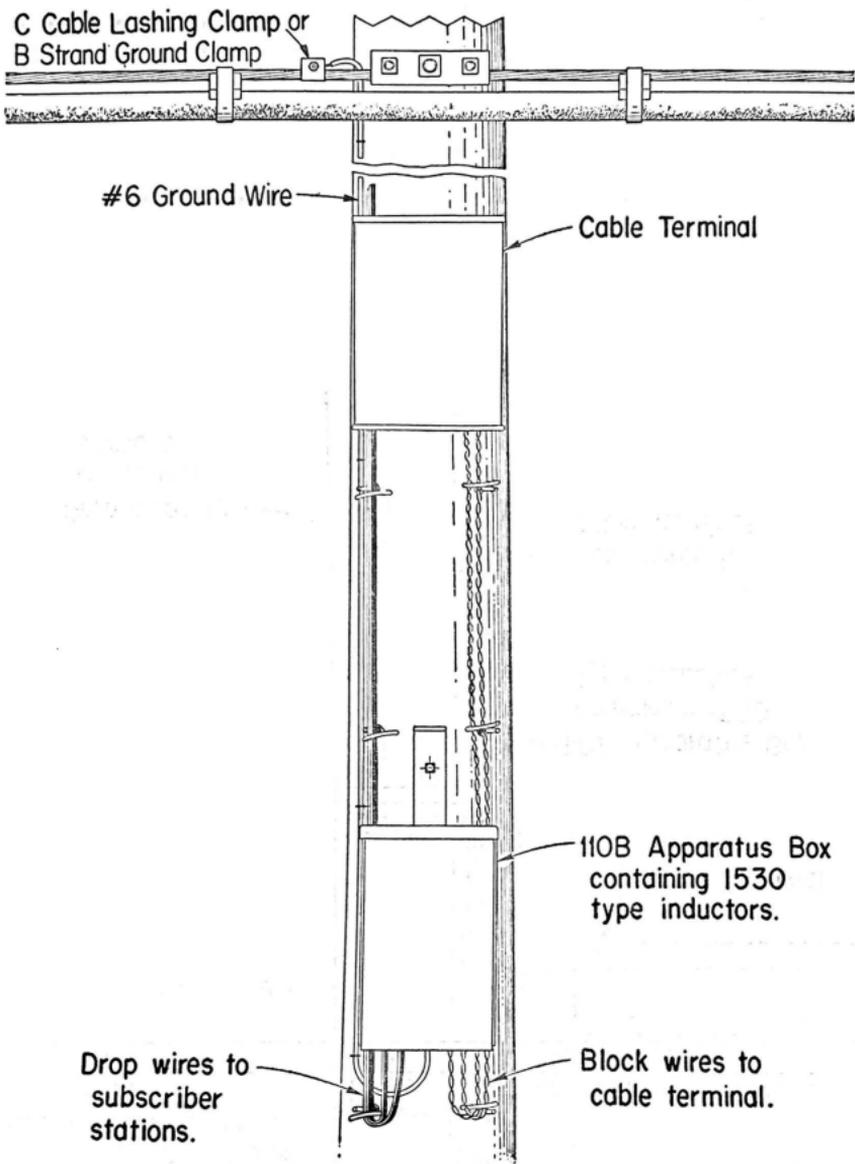


3. WIRING INDUCTORS AT JUNCTIONS OF DROP WIRE AND CABLE

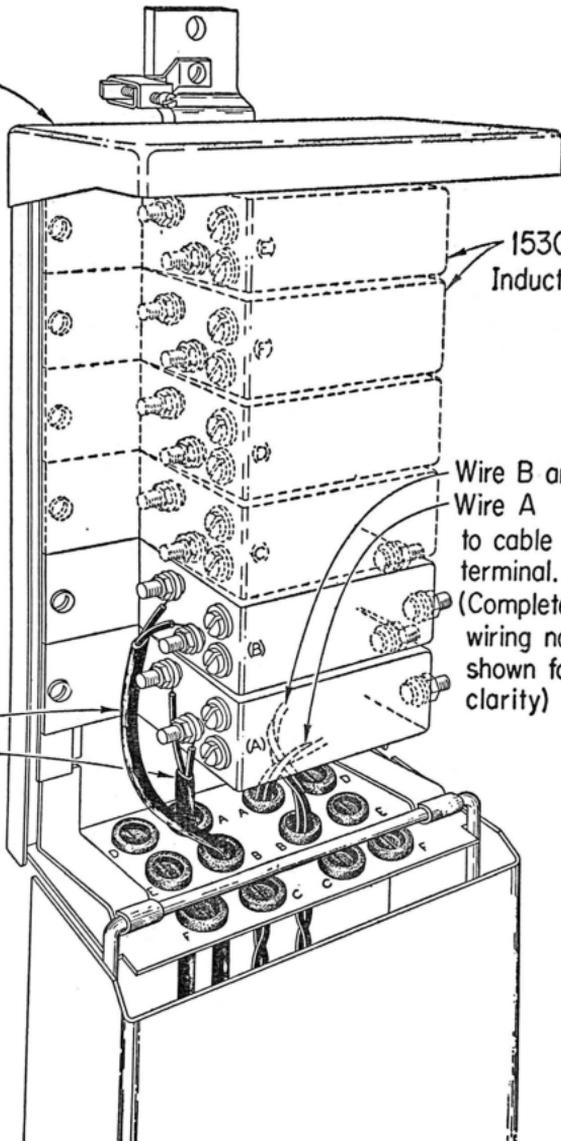
3.01 Terminate the drop wire directly on the 1530A Inductor and run block wire between inductor and cable terminal. Proceed as follows:

- (1) Place the drop wires from the stations in the left-hand entrance holes of the apparatus box and the block wire from the cable terminal in the right-hand entrance holes.
- (2) Place only one drop or block wire in each grommeted entrance hole.
- (3) Cut the drop and block wires to proper length for terminating. Skin and clean the ends and place between washers on the binding posts of the inductor.
- (4) The wiring of inductors and pole mounted distribution terminals is indicated in the following illustrations. It is important that the drop and block wires are separated as shown due to transmission requirements.





110A Apparatus Box
Shown



1530A
Inductors

Wire B and
Wire A
to cable
terminal.
(Complete
wiring not
shown for
clarity)

Wire B and Wire A
to station or
open wire.