

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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AT&TCo Standard

49-TYPE CABLE TERMINAL

UR SCOTCHLOK CONNECTOR

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1. GENERAL

1.01 This section covers the method of making PIC conductor joints in 49-Type Cable Terminals using UR Scotchlok Connectors.

1.02 The connector uses the insulation piercing "quick-connect" principle to join wires.

1.03 The assembly contains silicone grease for waterproofing the completed joint.

1.04 Connectors are intended for use on PIC conductors ranging from 19 to 26 gauge and combinations of these gauges.

1.05 A combination or side-cutting pliers is used to press the connector. A special tool should not be employed.

2. TERMINATING AT 49-TYPE CABLE TERMINALS

2.01 Preparing conductors:

- (1) **Cable Pair** — Select the assigned cable pair, cut the wires and separate them from the remaining pairs.
- (2) **Terminal Block Leads** — **Cut off the skinned ends** from the designated terminal binding post leads.

2.02 To make a joint:

- (1) Form the ends of the two conductors to be joined and keep them even for a distance of 1-1/2 inches as shown in Fig. 1.

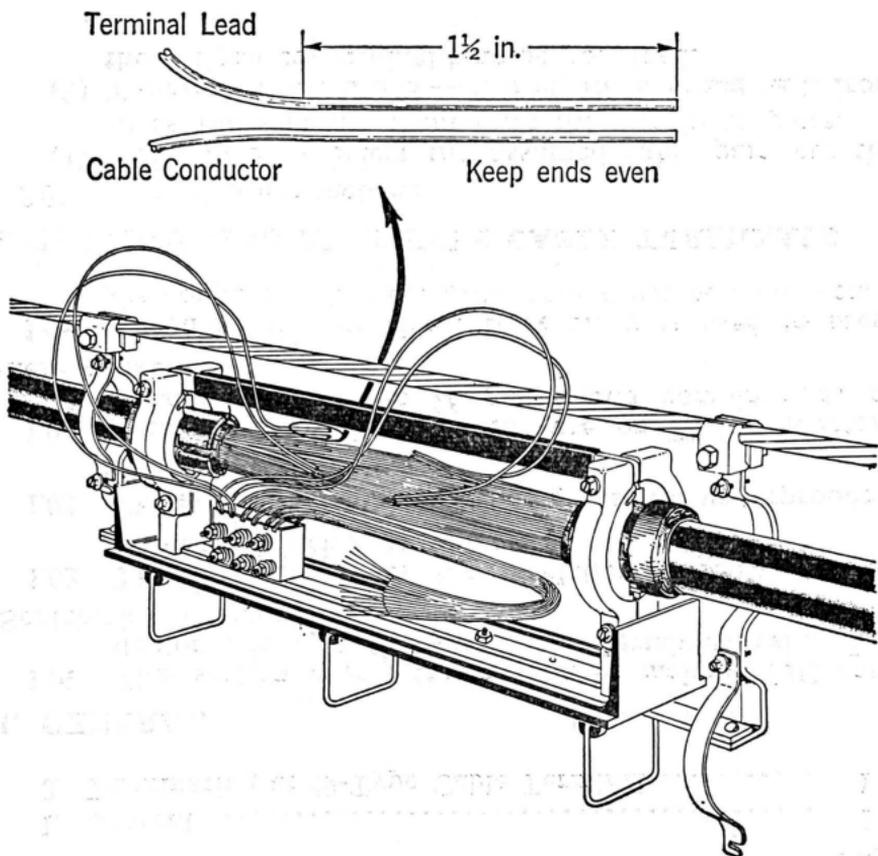


Fig. 1

- (2) Insert these conductors into the grooves of the connector and push in as far as possible. See Fig. 2.

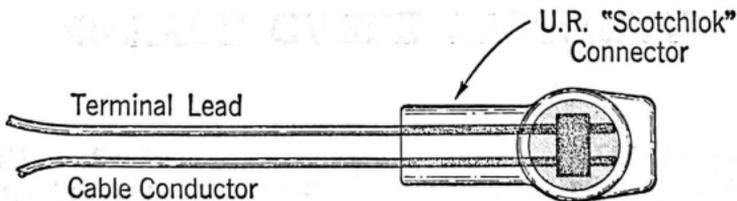


Fig. 2

- (3) Using combination or side-cutting pliers, press the red button in the connector until it is flush with the shoulder of the transparent sleeve. See Fig. 3.

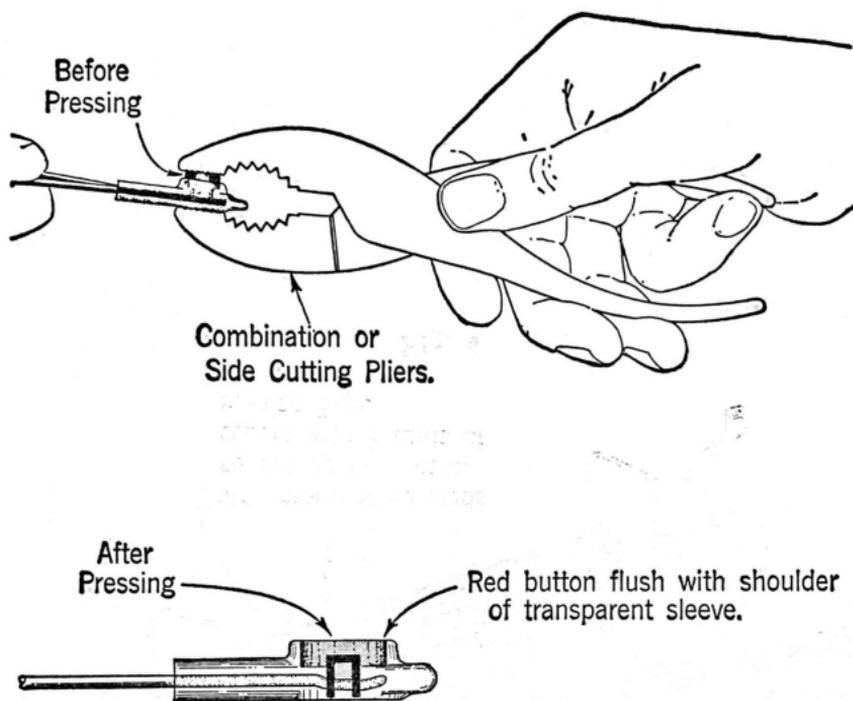


Fig. 3

- (4) Apply the same procedure as described in Paragraph 2.02 (1), (2) and (3) to the remaining conductors to be joined.

2.03 After all conductor joints are completed, dress the pairs against the core of the cable and secure as shown in Fig. 4. **Keep the terminal looking neat and orderly.**

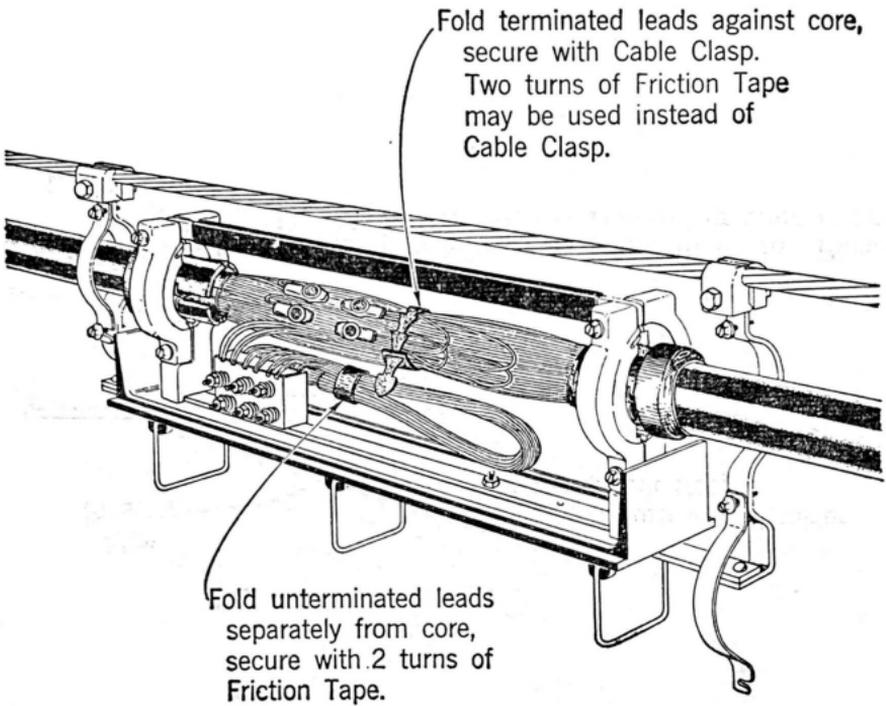


Fig. 4