

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G50.705.8
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AT&T Co Standard

SPLICE CASE AND T TYPE CABLE TERMINALS

SPLICING

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1. GENERAL

1.01 This section replaces section G52.630.1 and describes the splicing work at a T Type Cable Terminal installation. It covers the manner of splicing the leads from the binding posts of the terminal cases to the cable pairs.

1.02 Before commencing to splice at a multiple installation, refer to the section of the practices dealing with identification and pair count at a multiple installation.

1.03 At a splice case installation enclosing a straight splice, the splicing work is done in the usual manner.

2. TERMINAL LEADS

2.01 The terminal leads are plastic insulated 24-gauge copper conductors. Binding posts and the wire leads are cast in a solid resin block. The assembly of the binding post block in the terminal is gas-tight.

2.02 The leads are skinned for a length of 4-1/2 inches at the factory to facilitate the work in the field. They are color coded, as shown, to avoid having to identify the pairs by testing.

Termination Order	Insulation Color		Termination Order	Insulation Color	
	Tip	Ring		Tip	Ring
1*	White	Red	9	Red	Green
2	White	Blue	10	Red	Brown
3	White	Yellow	11	Red	Slate
4	White	Green	12	Black	Blue
5	White	Brown	13	Black	Yellow
6	White	Slate	14	Black	Green
7	Red	Blue	15	Black	Brown
8	Red	Yellow	16	Black	Slate

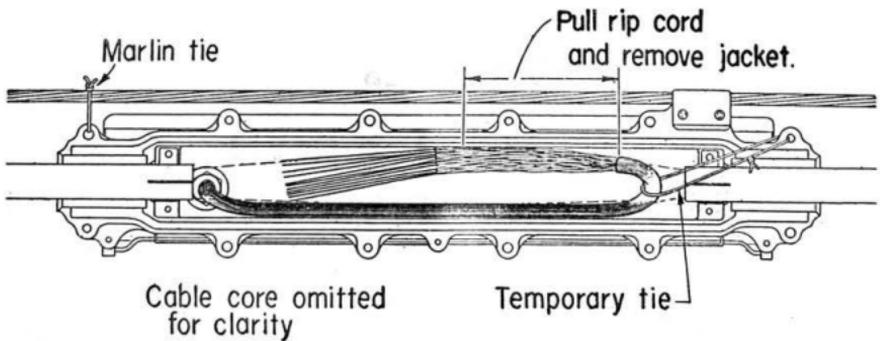
*Tracer Pair

2.03 The tracer pair is connected to the left-hand pair of binding posts as the faceplate is viewed in the installed position.

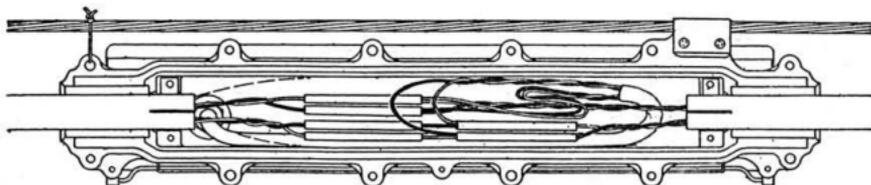
2.04 Splice the leads from the binding posts so that the pair numbers progress from left to right as the faceplate is viewed in the installed position.

3. SPLICING THE TERMINAL CASE

3.01 After locating the position of the terminal case, removing the sheath and preparing the sheath ends of the cable, place the terminal on the strand and clamp it to the strand by means of the strand clamp so that the terminal is centered over the opening as shown. Support the loose end with a temporary marlin (housesline) tie. Remove the jacket surrounding the leads by pulling the rip cord and cutting off the excess jacket.

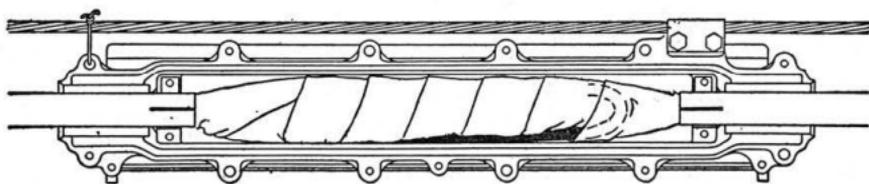


3.02 Splice the leads from the terminal to the cable pairs in normal fashion. Slack in the terminal leads should not be removed.



Note: - For clarity, only two pairs are shown spliced.

3.03 Wrap the completed splice, applying desiccant in the usual manner. Include the bend in the terminal leads in the wrapping to hold the leads against the splice as shown.



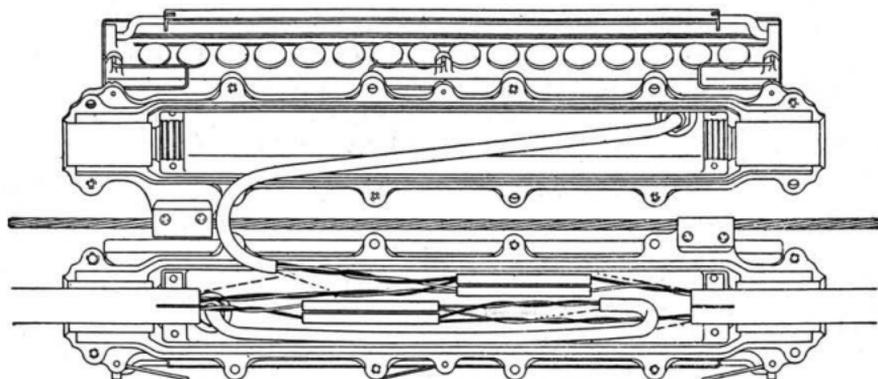
3.04 If the terminal or the splice case is of the superseded type, place the 128A Adapters in the superseded case, as covered in the section of the practices covering splice case installation. Then close the case.

4. SPLICING TWO TERMINAL CASES

4.01 After locating the position of the terminal cases, removing the sheath and preparing the ends of the cable, place the first terminal case on the strand, center it over the sheath opening and clamp it in a convenient position for splicing.

4.02 Splice the leads to the pairs in normal fashion, keeping in mind that the bared leads from the second terminal will approach the splice from the opposite end. Leave all the slack in the leads.

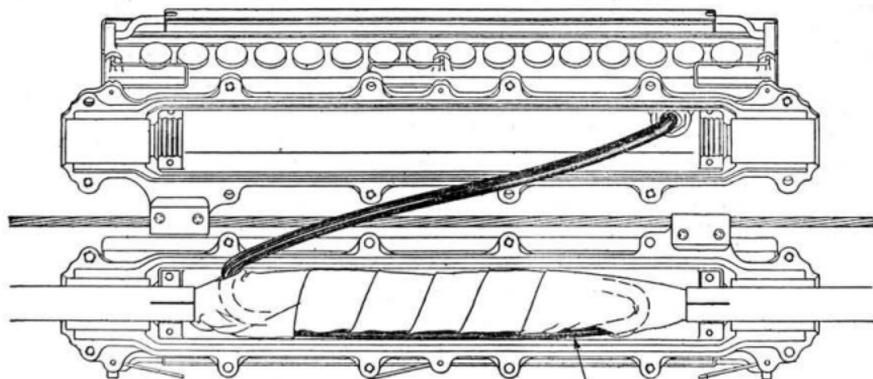
4.03 After completing this portion of the splice, place the second terminal on the strand in line with the first. Loosen the strand clamp on the first terminal and position both so that the remaining leads can be spliced, as shown.



Note:-For Clarity One Pair in Each Terminal is Shown Spliced.

4.04 Splice the leads from the second terminal in normal fashion, leaving the slack in the leads.

4.05 Wrap the completed splice, applying desiccant in the usual manner. Include the bends of both terminal leads in the wrapping to hold them against the splice, as shown.



Lower Terminal Stub

4.06 Close the case in the usual manner. If either terminal is of the superseded type, place the 128A Adapters in the superseded terminal as covered in the section of the practices covering splice case installation.

5. ADDING A TERMINAL CASE

5.01 After removing the splice case portion and preparing the splice, place the additional terminal case in position to splice and secure it as shown previously in Paragraph 4.03.

5.02 Identify the cable pairs needed for the additional terminal and splice the terminal leads in the usual manner. Any change in the count of the terminal already in place can be handled at the same time.

5.03 Wrap and close the splice in the usual manner. At an installation of the superseded types of T Terminals, it will be necessary to place the aluminum bonding strips and the 128A Adapters. The method is covered in the section of the practices covering splice case installation.