

**BELL SYSTEM PRACTICES**  
**Outside Plant Construction**  
**and Maintenance**

**SECTION G61.622.1**  
**Issue 2, January, 1958**  
**AT&T Co Standard**

**49A CABLE TERMINAL**  
**(Superseded)**  
**INSTALLATION**

<b>Contents</b>	<b>Page</b>
1. General .....	1
2. Mounting Base .....	1
3. Fitting the Cover .....	4

**1. GENERAL**

1.01 This section has been reissued since the 49A Cable Terminal has been superseded by the 49A1 and the 49B1 Cable Terminals.

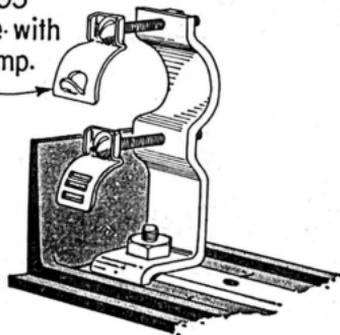
1.02 This section now contains installation instructions specifically for the 49A terminal. Instructions which are generally applicable to the 49 type terminals are covered in other sections.

**2. MOUNTING**

2.01 After preparing the sheath opening, remove the cover from the base assembly. It comes with the outer sheath clamp assembly used for cables up to and including 1 inch outside diameter cable.

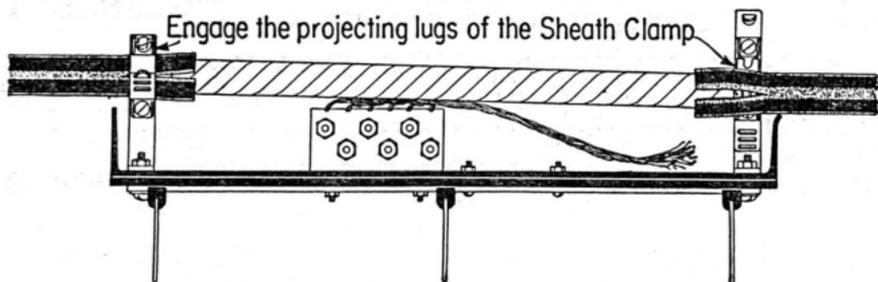
2.02 If the cable is above 1 inch O.D. remove the top machine screw. The end of the screw is rolled to keep the nut in place but the nut can be forced off. Holding the nut securely turn the screw with a screwdriver. Remove the P18A793 Clamp and place the P18A994 Clamp, as shown.

Remove the P18A793  
Clamp and replace with  
the P18A994 Clamp.



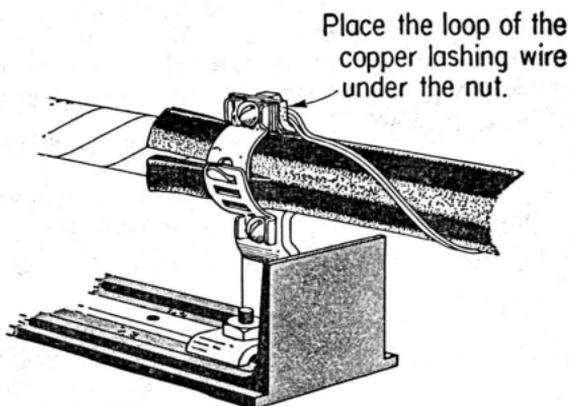
2.03 Now hold the base assembly so that the embossed numbers on the neoprene base progress from left to right, odd numbers on the side of the cable facing away from the pole.

2.04 At a straight splice, slip the cable ends through the clamp assemblies. Where the cable is not cut, lift the lower grooved clamp off the upper tongued clamp, place the cable between the clamping details. Engage the projecting lugs of the inner sheath clamp on the top machine screw as shown.

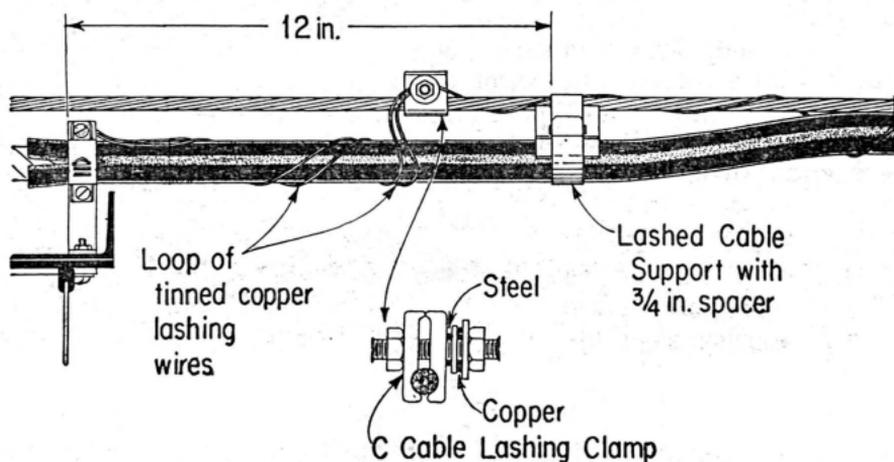


2.05 Engage the tongue of the upper clamp in the proper groove of the lower clamp.

2.06 Form a loop from 3 feet of copper lashing wire and place the loop under the nut of the top clamp, which is farthest from the pole, as shown, and tighten the top screws securely.



2.07 Complete the strand to sheath bond by spiralling the loop of copper lashing wire around the cable and fasten the ends around the bolt of the cable lashing clamp, under the shoulder, as shown.

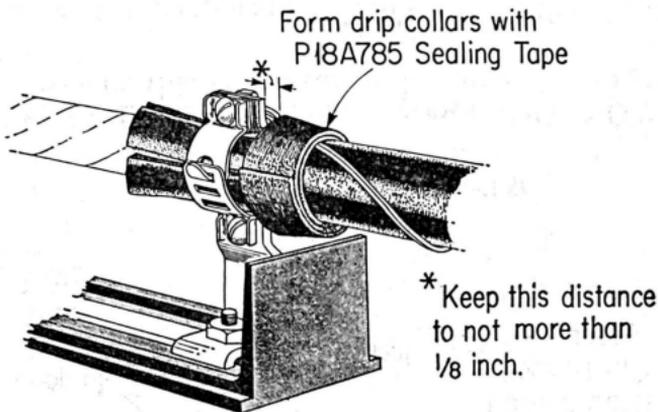


2.08 Tighten the lower clamp screws. DO NOT tighten excessively, this will result in bending the tongue of the upper clamp.

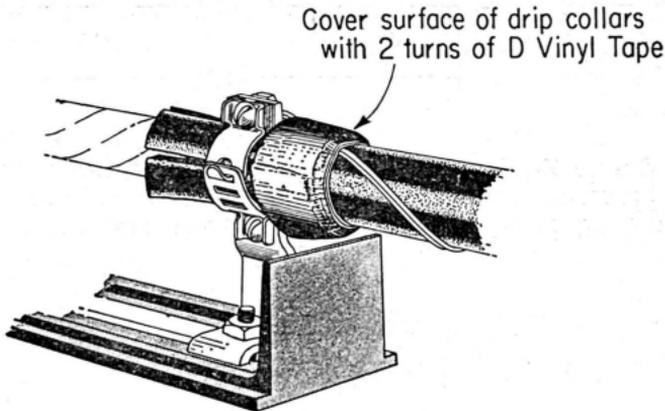
2.09 Remove the temporary bonding across the sheath opening. Remove the B Paper Tape Markers.

2.10 On the cable sheath at each end just outside the hangers form drip collars, as follows. Remove a strip of sealing tape from the treated paper which encloses it, and form the collar starting at the top of the cable by building up layers of

the tape one on top of the other, using the entire length of tape. At the end where the lashing wire loop is fastened, carefully work the first layer of tape tight around the lashing wire before proceeding.



2.11 Place 2 turns of D Vinyl Tape over drip collars to prevent cover from adhering to sealing tape.

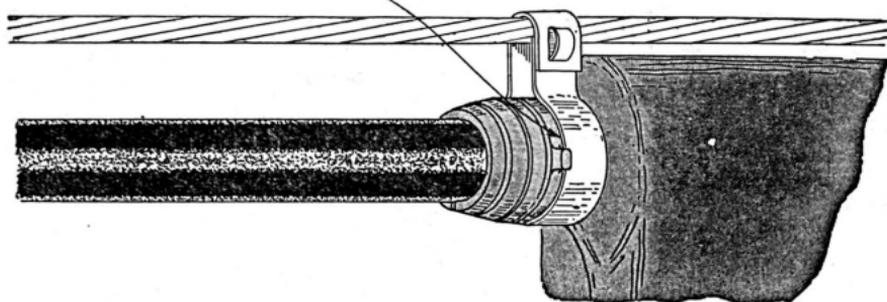


2.12 Cut and splice each wire of each cable pair to the associated binding post as covered in Section G61.622.3.←

### 3. FITTING THE COVER

3.01 The cover is fitted as outlined in Section G61.622.3 except← that strand clips are used. Move the strand clips over the taper ends until they are inside the small tabs projecting on the sides of the ends, as shown.

Move the strand clips over the ends of the terminal and inside small tabs.

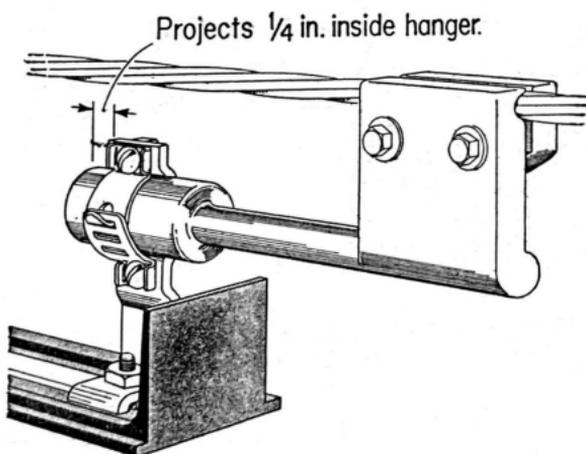


#### 4. DEAD END

4.01 When the 49A Cable Terminal is used at the end of the cable, the 50A Bracket is used in the dead end to close the opening in the cover and to provide an anchor for the terminal and cable.

4.02 At the dead end terminate the cable in the usual manner, sleeving the conductors that are not terminated on the terminal block in the manner shown in Section G50.699.3.

4.03 Fasten the round bar of the 50A Bracket in the terminal base hanger as shown. The strand clamp anchors the terminal and cable.



50A BRACKET  
ASSEMBLED

4.04 Complete the installation in the usual manner, placing the drip collar on the bar of the 50A Bracket before closing the cover.