

SPLICE CASES

3, 4, 7, AND 8 TYPES

PREPARATION OF SHEATH OPENING

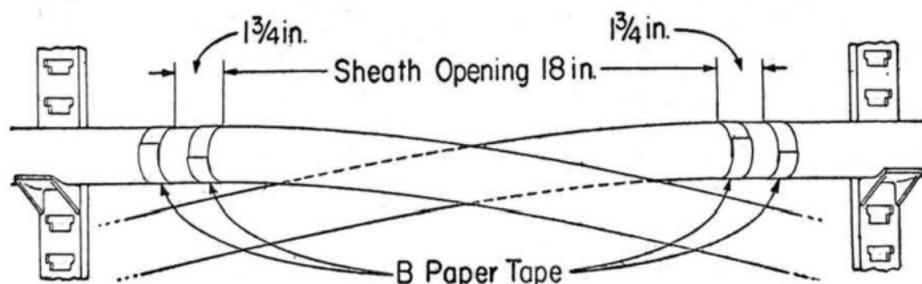
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1. GENERAL

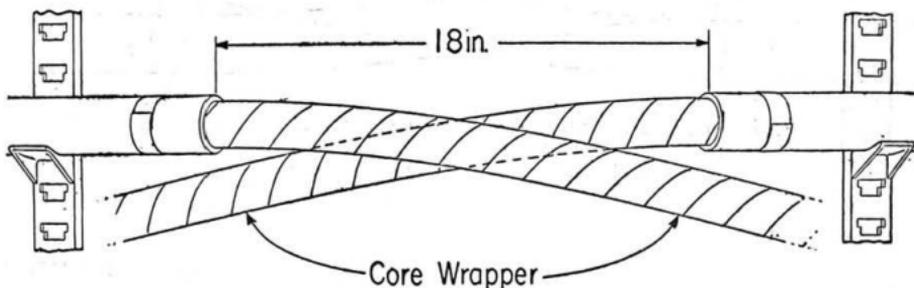
- 1.01 This section describes the cable sheath preparation required before installing 3, 4, 7, and 8 type splice cases.
- 1.02 The preparation of the cable ends is the same for lead and polyethylene sheath cables.
- 1.03 The cables should be set up and tied firmly in position with the cable sheaths straight and in line for a minimum length of 8 inches from the sheath butt.

2. SHEATH PREPARATION—STRAIGHT SPLICE

2.01 Mark the center of the splice. Then place four markers of B Paper Tape on the sheath (18-inch opening) as illustrated below.

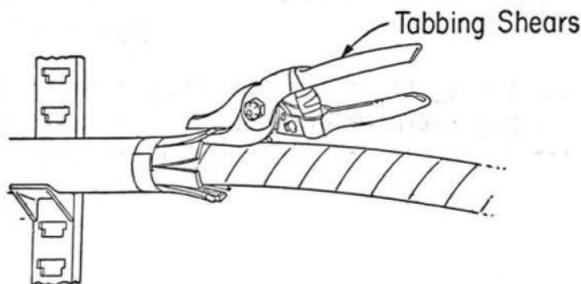


- 2.02 Remove sheath between inner tape markers exposing core wrapper. Then remove inner tape markers.

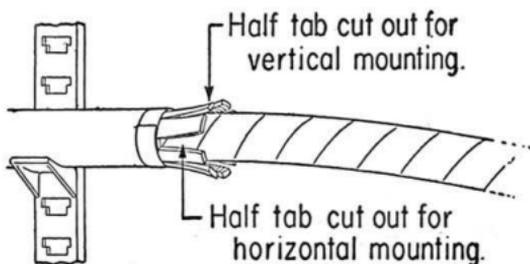


- 2.03 With the tabbing shears make four longitudinal cuts, 90° apart through the sheath to the edge of the scotch tape marker. On polyethylene sheath cables the cuts should be made through the polyethylene and metal layers. Avoid injuring the core wrapper.

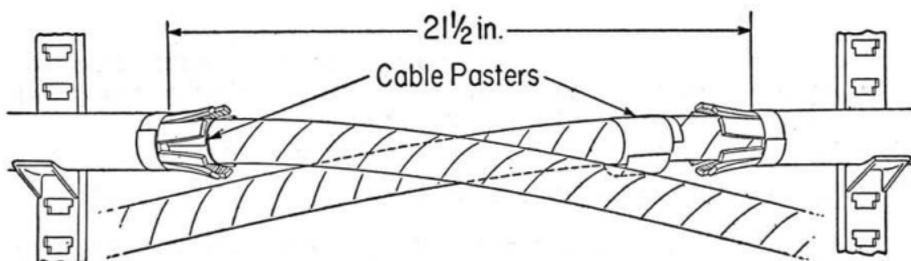
- 2.04 On cables larger than 1.6 inches in diameter slit each tab in half to make a total of eight tabs.



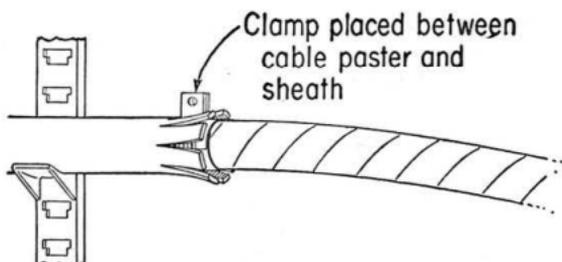
- 2.05 If the splice cases are to be mounted so that the joints between them are horizontal cut to half width one of the tabs on the front edge of the cable. If the splice cases are to be assembled so that the joints are vertical cut to half width one of the tabs at the top of the cable. This space is required for the ears of the inner sheath clamp.



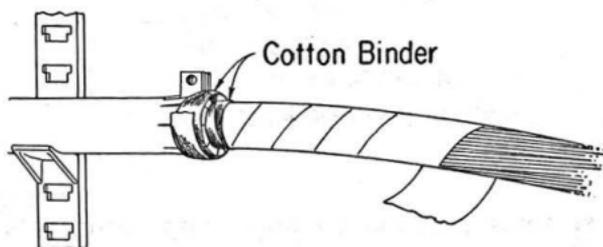
2.06 Make sure that the distance between tape markers is 21-1/2 inches. Then form a collar of three turns of cable paster and work the collar back under the tabs as far as possible. Moisten only the outer edge of the paster. Remove B Paper Tape markers.



2.07 Slip the inner sheath clamp under the tabs with the ears extending from the slot from which the half tab was removed. If a small cable is to be installed in the splice case an inner sheath clamp of the proper size will be furnished with the adapter assembly. The table of adapter sizes is given in Section G50.711.1.



2.08 Starting about 1/2 inch under the tabs make two straight turns of 1-inch cotton tape over the core wrapper. Then bring the cotton tape out through one of the slits between the tabs and bind the tabs down to the core with two additional turns of cotton tape.



2.09 Place temporary bond across splice in the usual manner attached to the ears of the inner clamp. Then check the separation between the ears of the inner sheath clamps. The distance between them should be about 19 inches.

3. SHEATH PREPARATION "Y" OR DOUBLE "Y" SPLICE

3.01 The preparation of the sheath ends is the same as outlined in Part 2 except that the slots for the ears of the inner clamps should be in line and cut from tabs between the two cables as illustrated below.

