

CABLE SPLICING—GENERAL

CLEARING AND INSULATING CONDUCTOR ENDS

CONTENTS	PAGE	
1. GENERAL	1	2.02 Remove the core wrapping papers up to about 1/2 inch of the edge of the sheath. It is not necessary to protect the core at the edge of the sheath because the opening is temporary.
2. TEMPORARY CLEARING OF CABLE ENDS FOR TESTING	1	
3. TERMINATING (CLEARING) CABLE ENDS IN MODULAR CONNECTORS	2	2.03 Clear the ends of each group of conductors, except those marked as defective, as follows:

- (1) Position the group to be cleared at right angle to cable and cut the group off square, as shown in Fig. 1.

1. GENERAL

1.01 This section covers the method of clearing cable ends so that ends of the conductors will be free from shorts or crosses.

1.02 This section is reissued to show a new method of clearing cable ends using the 710 connector components and include information originally covered in Section 634-020-200. Since this reissue is a general revision, no revision arrows have been used to denote significant changes.

2. TEMPORARY CLEARING OF CABLE ENDS FOR TESTING

2.01 Remove the sheath at the end of the cable for about 12 to 15 inches, depending on the size of the cable. If the end of the cable is painted red to indicate the presence of defective pair markers, remove the cap. Be careful in removing the cap and sheath; do not disturb the markers.

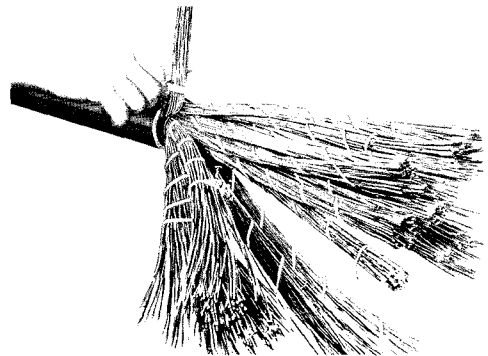


Fig. 1—Cutting Group Off Square

NOTICE

Not for use or disclosure outside the Bell System except under written agreement

(2) Straighten the group as shown in Fig. 2.

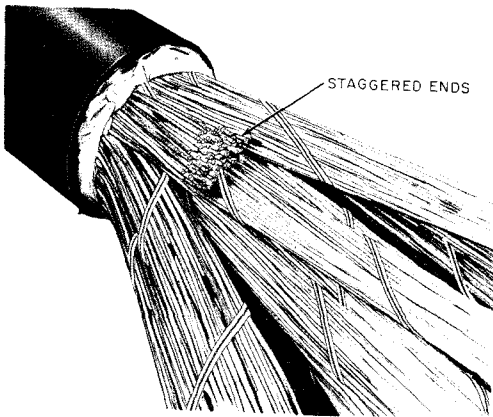


Fig. 2—Cut Group With Staggered Ends



Fig. 4—Cleared Cable End

This method ensures that the conductor ends will be staggered.

2.04 Conductors that are marked by the manufacturer as being defective should be left longer than the other conductors, and cleared from any contacts. The original markers should either be left in place or replaced with new markers.

2.05 Close the cleared end in a cap, boot, or closure of sufficient length.

(3) Similarly, cut and straighten the remaining groups as shown in Fig. 3 and 4.

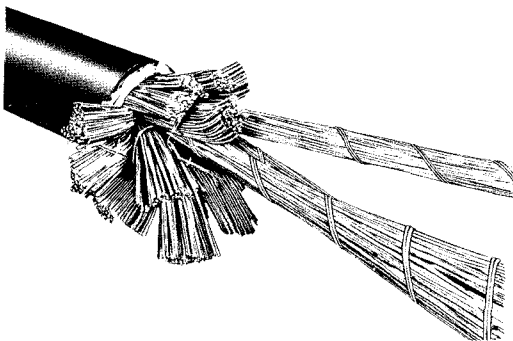


Fig. 3—Additional Groups Cut

3. TERMINATING (CLEARING) CABLE ENDS IN MODULAR CONNECTORS

3.01 Remove the required cable sheath and set up pneumatic operated tool (D, E, or F cutter-presser) or hand operated 835A tool as outlined in Section 632-205-220 and clear cable ends as follows (Fig. 5):

(a) Place and secure the index strip in connector holding device of cutter-presser as outlined in Section 632-205-220.

(b) Dress the conductors from 25-pair binder group to be cleared into index strip. Separate the tip and ring conductors on the colored peaked (A) projections of the index strip, tip side to the left and ring side to the right.

- (c) Use the error-tector, check for placing errors such as two conductors in one slot, vacant slots, tip and ring reversals, or transposed pairs.
- (d) Position T-bar over the index strip, then cut the conductors. Release pressure and pull T-bar back to its original position.
- (e) Place connector module into cutter-presser keeping it parallel to the index strip.
- (f) Position T-bar over the connector module and seat the module.
- (g) Release pressure and pull T-bar back to its original position.
- (h) Place and seat cap on connector module.
- (i) Remove assembled connector from cutter-presser.
- (j) Repeat steps (a) through (i) for each 25-pair binder group to be cleared.

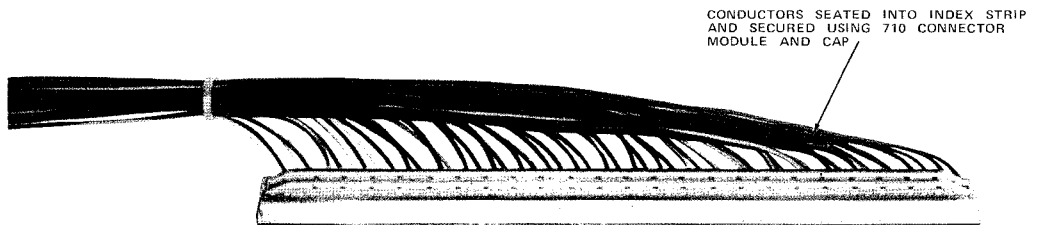


Fig. 5—Cleared Cable End