



Inline Splicing Kit

5408-CC-I750

Instruction Sheet

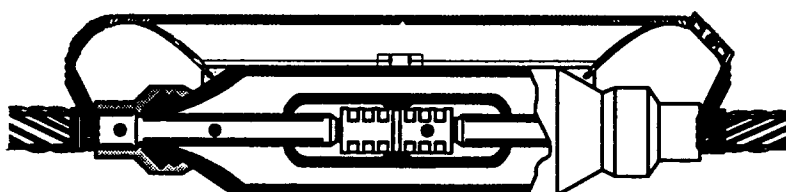
IEEE Std. No. 404-1993

15kV Class

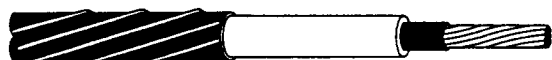
150kV BIL

Kit Contents:

- 1 Molded Rubber Splice Body
- 2 End Caps
- 2 Packets of Silicone Grease
- 1 CC-I750 Connector
- 1 Template
- 1 Instruction Sheet



CONNECTOR TABLE	
Conductor Size	3M Splice Connector Number
750 MCM	CC-I750
<i>NOTE: 3M "CC-I" Series Connectors are for Compressed Copper Conductor</i>	



Concentric Neutral Cable

Quick Splice

Inline Splicing Kit

5408-CC-I750

Conductor Size: 750 MCM
Insulation O.D.: 1.320" (33.53mm) - 1.520" (38.61mm)

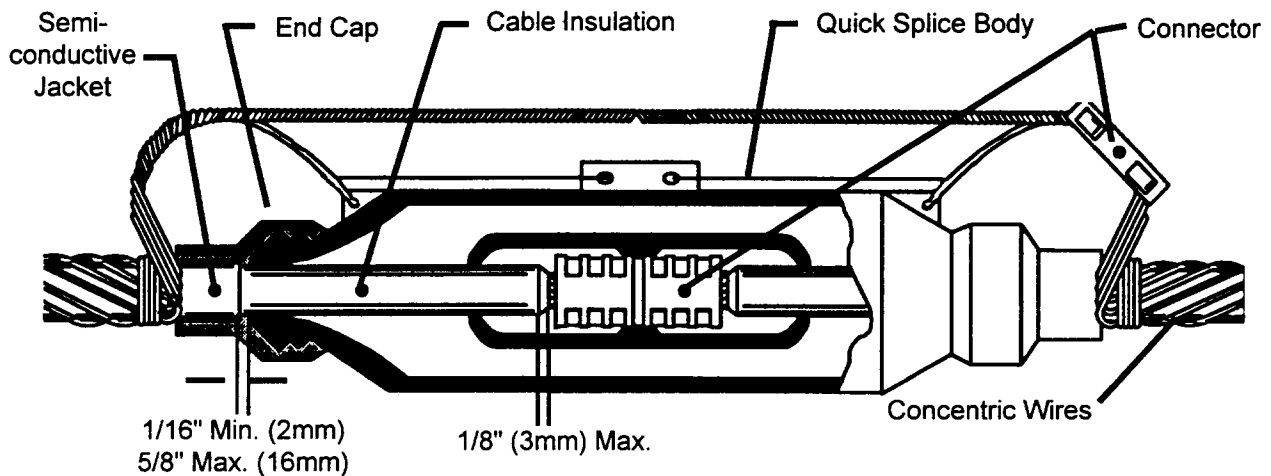
78-8096-5007-6

Number of Pages: 4

Scale: Not to Scale

Issue Date: 8/14/95

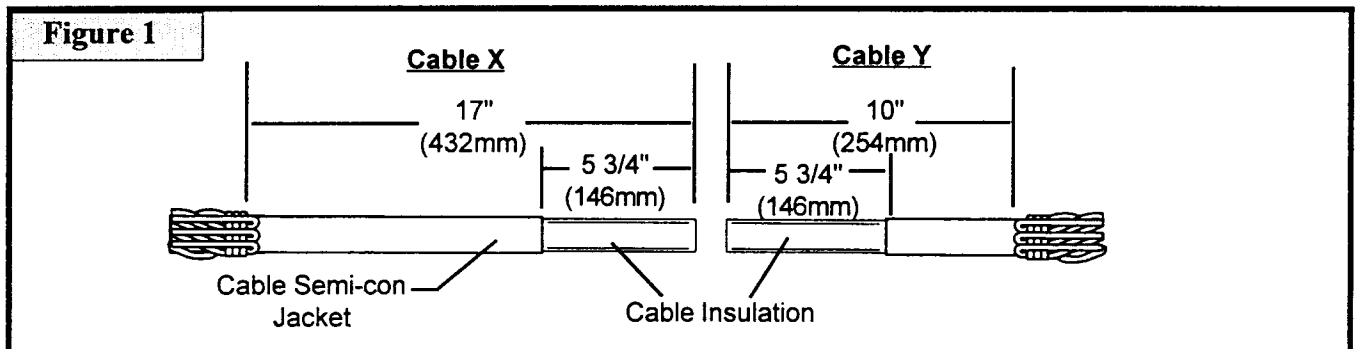
Issue: A



Caution: Check the insulation diameter. The diameter must be between 1.320 & 1.520 inches.

A. Prepare cables according to standard procedures (Figure 1).

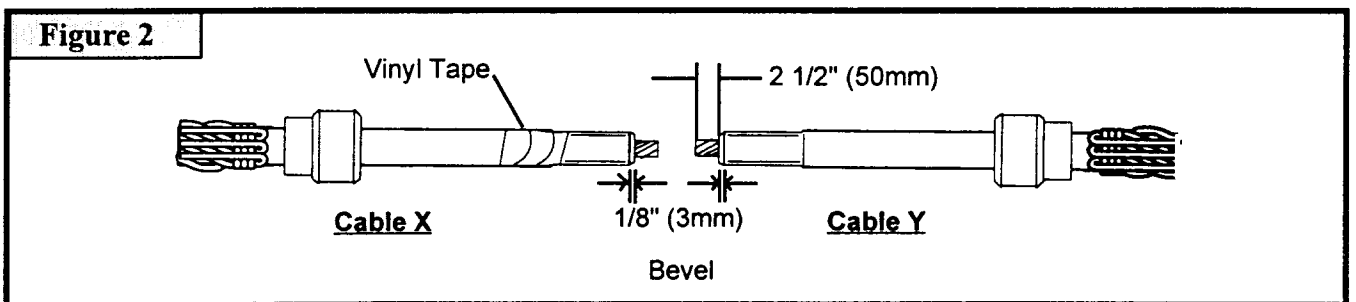
1. Allow sufficient concentric neutral wires for connection.
2. Gently fold neutral wires back over cable jackets. Avoid sharp bends.
3. Continue preparation of cable according to Figures 1 and 2.



4. Clean cables.
 - a. Do not use solvent on semi-conductive jacket.
 - b. Do not use abrasive cloth on insulation or semi-con jacket.

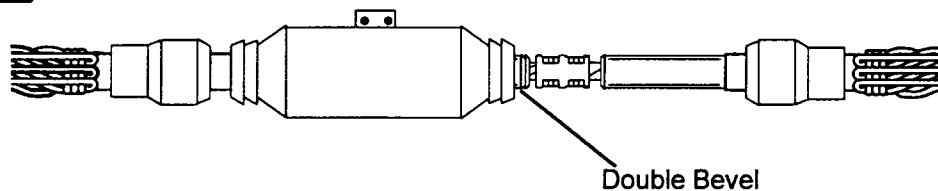
B. Installation Procedures (Figures 2, 3 and 4)

1. In order to facilitate splice installation wrap a small amount of vinyl tape around the edge of the jacket on Cable X to form a ramp. This tape must be removed after Step 8.
2. Lubricate the insulation of both cables with silicone grease furnished in kit.
3. Slide end caps onto their respective cables.
4. Clean and generously relubricate insulation of Cable X.



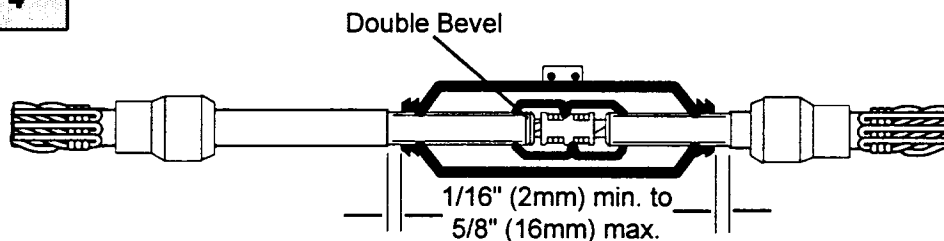
5. Install splice body onto Cable X.

Figure 3



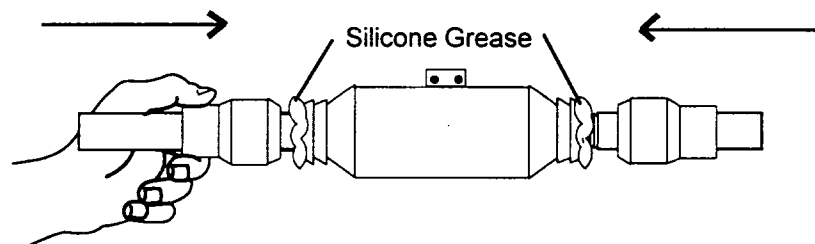
6. Install connector. See connector and crimping tool table on next page.
7. Reclean and lubricate exposed insulation.
8. Center splice body over connector as shown in Figure 4.

Figure 4



9. Apply silicone grease over exposed insulation.
10. Firmly seat one end cap against splice body and twist onto splice body. Two locking grooves exist on the splice body. **THE WORKMAN SHOULD FEEL TWO SNAPS.**
11. Check for proper spacing between splice body and jacket of other cable.
12. Firmly seat remaining end cap against splice body.

Figure 5



C. Grounding the Splice

1. Attach one wire from each cable to the grounding eye and remainder to an inline connector as shown.

CRIMPING TOOL TABLE			
CABLE SIZE	MANUFACTURER	HYDRAULIC	
		TOOL	DIE (Crimps per end)
750MCM	Burndy	Y39, Y45, Y46	U39RT (5)
	T&B	TBM15	106H (4)

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78-8096-5007-6

**STRUCTURAL SPECIFICATION FOR
PRINTED INSTRUCTION SHEETS FOR ELPD**

78 #: 78-8096-5007-6

Issue #: A

Date: 7/17/95

SCOPE: THIS SPECIFICATION ADDRESSES THE STRUCTURAL OPTIONS FOR THE PRINTING OF INSTRUCTION SHEETS. GRAPHIC ART, WITH A CONTROL NUMBER (78-XXXX-XXXX-X), MUST BE ATTACHED TO THIS STRUCTURAL SPECIFICATION IN-ORDER TO CREATE A MATERIAL PURCHASE SPECIFICATION.

MATERIAL: 60# OFFSET

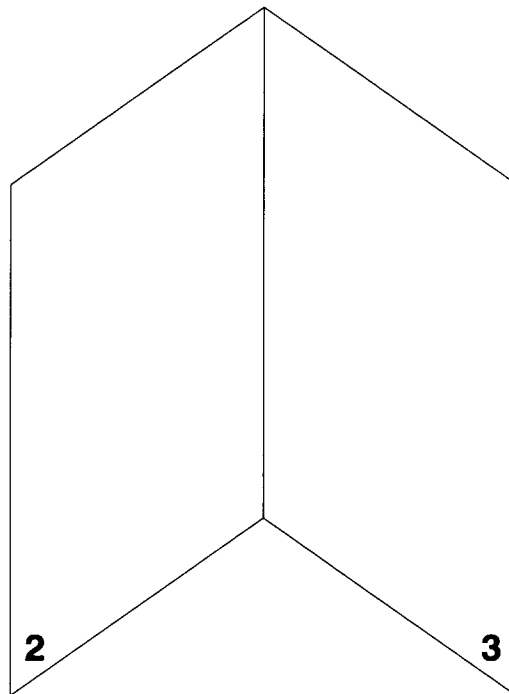
COLOR: WHITE

INK COLOR: BLACK

ADDITIONAL INFORMATION:

1. VENDOR TO MAKE PART NO. 78-8096-5007-6 PER STYLE BELOW.
2. VENDOR MAY SUBSTITUTE GLUE WHERE STITCHING IS CALLED OUT IF IT REDUCES THE COST TO 3M.

(3 or 4 page, center folded)



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