

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G50.711.1
Issue 1, May, 1956
AT&T Co Standard

SPLICE CASES
3, 4, 7 AND 8 TYPES
DESCRIPTION

Contents	Page
1. General	1
2. Description	1
3. Hardware and Small Parts	2

1. GENERAL

1.01 This section describes the 3, 4, 7 and 8-type splice cases. The small parts, hardware and materials required for a complete installation are also listed in this section.

1.02 **Two identical splice cases, such as two 3A cases are required for a splice closure.**

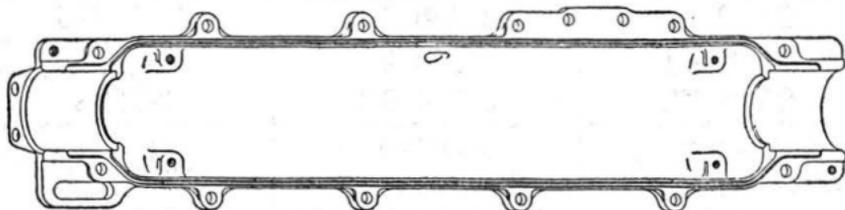
2. DESCRIPTION

2.01 The size and type of each splice case and the cable diameter and kind of splice with which each is used are shown in the following table.

Kind of Splice	Cable Diameter (inches)	Type of Splice Case (two required)
Straight "Y"	1.6 to 2.2	3A or 3B
	1.6 to 2.2	7A or 7B
Double "Y"	1.6 to 2.2	7A or 7B
Straight "Y"	2.2 to 2.9	4A or 4B
	2.2 to 2.9	8A or 8B
Double "Y"	2.2 to 2.9	8A or 8B

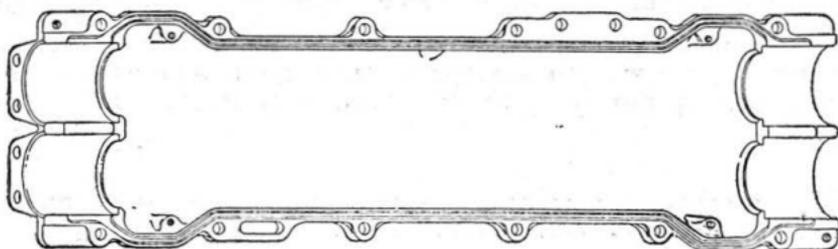
- 2.02 The 3- and 4-type cases are of similar design for straight splices.

3 and 4 Type Splice Cases



- 2.03 The 7- and 8-type cases for "Y" and double "Y" splices are of similar design.

7 and 8 Type Splice Cases

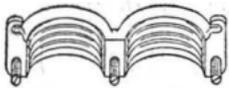
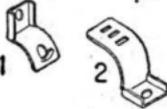


- 2.04 Each splice case is shipped in an individual carton which is not waterproof and should not be unduly exposed to the weather. Each of the two cartons required for an individual installation also includes one-half of the small hardware needed for a complete splice closure.

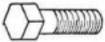
3. HARDWARE AND SMALL PARTS

- 3.01 The items furnished with each splice case are listed below in the order in which they are used in the assembly.

130 - B adapt

PART	*	USED FOR	Number (Quantity) of Parts furnished with each Case							
			Case Number							
			3A	3B	4A	4B	7A	7B	8A	8B
Insert Assemblies  	P-18A611 Insert Assembly	Mounting for Inner and Outer Clamps	1	1						
	P-14A862 Insert Assembly				1	1				
	P-18A873 Insert Assembly						1	1		
	P-14A869 Insert Assembly								1	1
Cap Screw 	P-125616 Hex. Head Cap Screw	Fastening Insert Assemblies	2	2	2	2	2	2	2	2
Inner Sheath Clamp 	P-18A612 Clamp	Slides under sheath tabs for clamping	1	1			2	2		
	P-14A865 Clamp					1	1		2	2
Two Piece Outer Sheath Clamp 	1- P-18A613 Clamp 2- P-18A614 Clamp	Placed over sheath tabs. With inner clamp, forms mechanical and electrical bond between case and sheath.	1	1			2	2		
	1- P-14A866 Clamp 2- P-14A867 Clamp					1	1		2	2
Hex. Nut 	P-220756 Hex. Nut	For securing inner and outer clamps to studs on insert assemblies.	3	3	3		4	4	4	4

SPLICE CASES
3, 4, 7 AND 8 TYPES
DESCRIPTION

PART	*	USED FOR	Number (Quantity) of Parts furnished with each Case							
			Case Number							
			3A	3B	4A	4B	7A	7B	8A	8B
Cap Screw $\frac{3}{8}$ in -16 x $1\frac{1}{2}$ in. 	Screw, Hex. H. Cap C Res. $\frac{3}{8}$ in 16 x $1\frac{1}{2}$ in.	For joining splice cases and securing compression collars.	11	11	11	11	15	15	15	15
Nut 	P-14A861 Nut		11	11	11	11	15	15	15	15
Compression Collars 	P-18A621 Collar	Two piece collar which compresses sealing tape between washers to form end seal around cable.		2				4		
	P-18A861 Collar		2			4				
	P-18A862 Collar			2			4			
	P-14A860 Collar				2				4	
Ground Lug 	P-18A618 Ground Lug	For securing bonding ribbon to splice case, and mounting detail for 50A Hanger.	1		1		1		1	
	P-18A678 Ground Lug			1		1		1		1
Cap Screw $\frac{3}{8}$ in.-16 x 1 in. 	Screw, Hex. H. Cap C Res. $\frac{3}{8}$ in.-16 x 1 in.	For securing ground lug to case.	2	2	2	2	2	2	2	2
$\frac{1}{8}$ in Pipe Plug 	P-13A314 Plug	Pressure testing fitting	1	1	1	1	1	1	1	1

* This information should be used when ordering parts.

3.02 The following materials are not furnished with the splice cases and must be ordered separately.

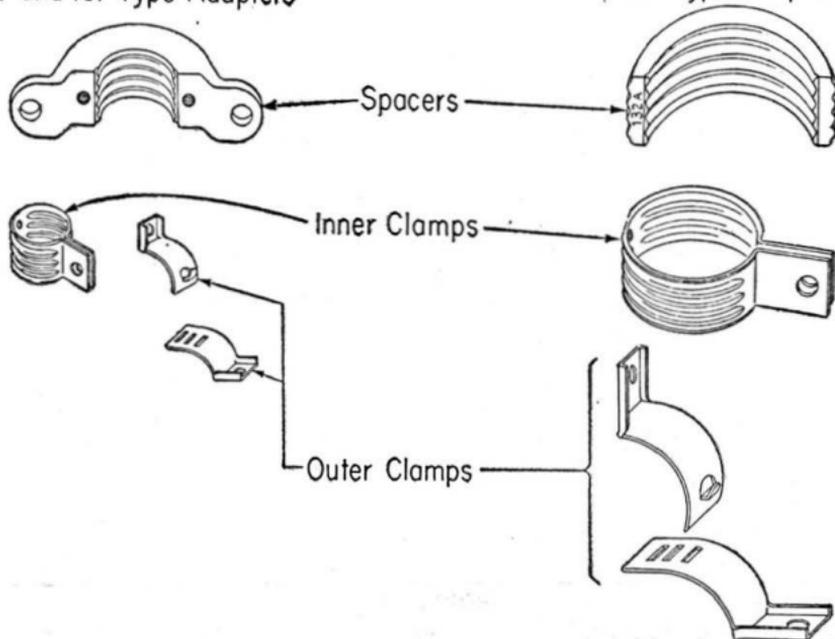
Item	Use	Quantities Required
B Sealing Tape (Package Unit 3-10 in. Strips)	Sealing Ends of Splice Cases	1 or 2 Packages per seal
B Sealing Cord (Package Unit 2-32 in. Lengths)	Sealing Sides of Splice Cases	1 Package required per installation
Sealing Washers	Sealing Ends of Splice Cases	2 required per cable See Section G50.710.2 for sizes

Adapters which must be ordered separately are also required to assemble small size cables in 3-, 4-, 7- and 8-type splice cases. The **Adapter Assemblies** which are furnished complete and the cable diameter and splice case with which each is used are shown below.

ADAPTER ASSEMBLIES 3, 4, 7 and 8 Type Splice Cases

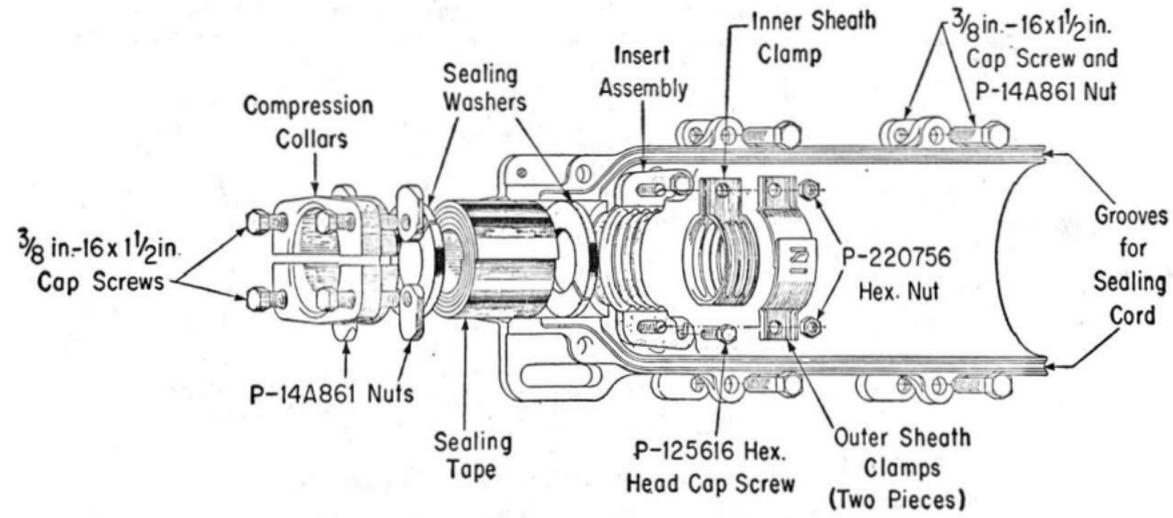
130 and 131 Type Adapters

132 Type Adapter



Diameter of Cable to be Installed	Adapter use in Splice Cases	
	3 and 7 Type Cases	4 and 8 Type Cases
0-1.0 inches	130-A	131-A
1.0-1.6 inches	130-B	131-B
1.6-2.2 inches	—	132-A

3.03 The following is an exploded view of one end of a 3 or 4-type splice case showing the parts used in the installation.



3.04 The following is an exploded view of one end of a 7 or 8-type splice case showing the parts used in the installation.

