

SPLICE CASES

20 AND 21 TYPES

DESCRIPTION

Contents	Page
1. General	1
2. Description	1
3. Hardware and Small Parts	7

1. GENERAL

1.01 This section has been revised to include recently introduced small sizes of cast iron splice cases. It describes the 20- and 21-type splice cases. It also lists the small parts and hardware furnished with each splice case.

1.02 **Two identical splice cases, such as two 20C1 cases, are required for a splice closure.**

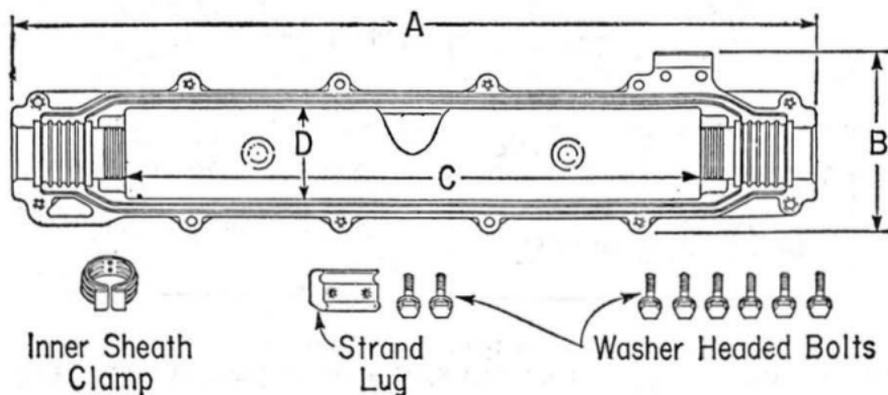
2. DESCRIPTION

2.01 The following table lists the 20- and 21-type splice cases and the cable diameter with which each is used.

Kind of Splice	Cable Diameter (Inches)	Type of Splice Cases (two required)
Straight "Y" or Double "Y"	0.3 to 1.0	20A1, 20A2, or 20A3
		21A1, 21A2, or 21A3
Straight "Y" or Double "Y"	1.0 to 1.6	20B1, 20B2, or 20B3
		21B1, 21B2, or 21B3
Straight "Y" or Double "Y"	1.6 to 2.2	20C1, or 20C2
		21C1, or 21C2
Straight "Y" or Double "Y"	2.2 to 2.9	20D1, or 20D2
		21D1, or 21D2

2.02 The following illustrates the 20- and 21-type splice cases and the hardware furnished with each. Dimensions shown are approximate.

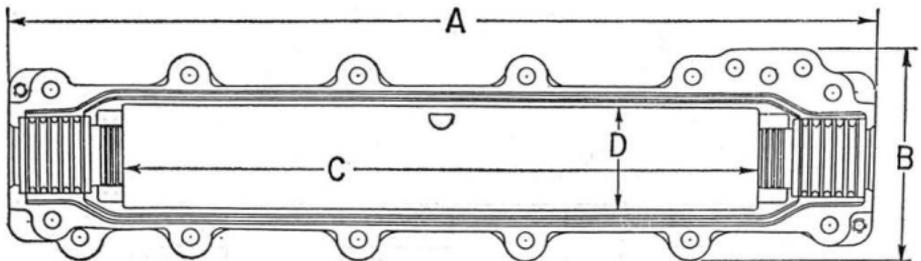
(a) 20A1, 20A3, 20B1 and 20B3 types.



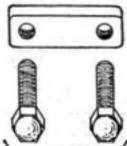
Case	Dimensions (Inches)				Weight (Approx Pounds)
	Outside		Inside		
	Length (A)	Width (B)	Length (C)	Diam. (D)	
20A1 20A3	21	4 ³ / ₄	14 ¹ / ₄	2	2
20B1 20B3	24	5 ¹ / ₂	17 ¹ / ₄	3	2

Note: B sealing tape and B sealing cord are furnished with the 20A-type splice cases.

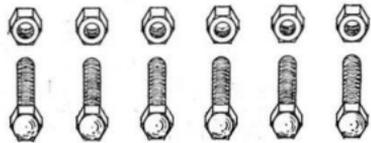
(b) 20A2 and 20B2 type.



Inner Sheath
Clamp



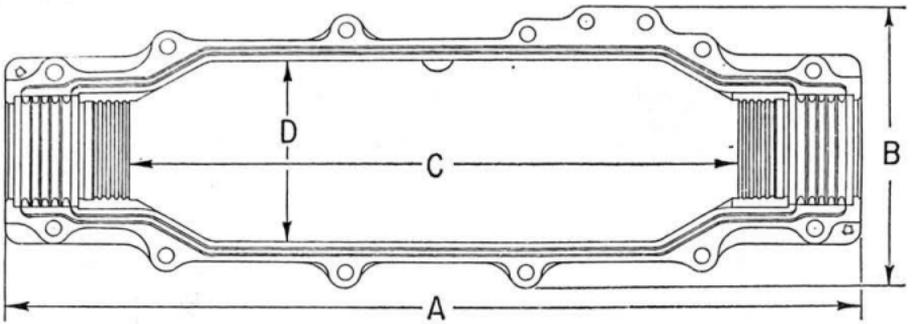
Grd. Lug
Assembly



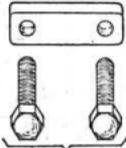
Cap Screws and Hex. Nuts

Case	Dimensions (Inches)				Weight (Approx. Pounds)
	Outside		Inside		
	Length (A)	Width (B)	Length (C)	Diam. (D)	
20A2	$20\frac{3}{8}$	5	$14\frac{1}{4}$	2	9
20B2	$23\frac{3}{8}$	$5\frac{7}{8}$	$17\frac{1}{4}$	3	14

(c) 20C and 20D types.



Inner Sheath
Clamp



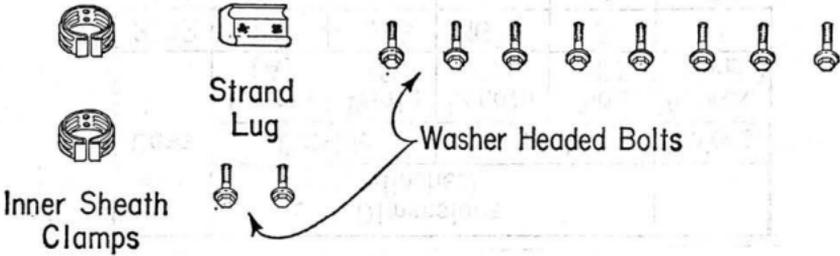
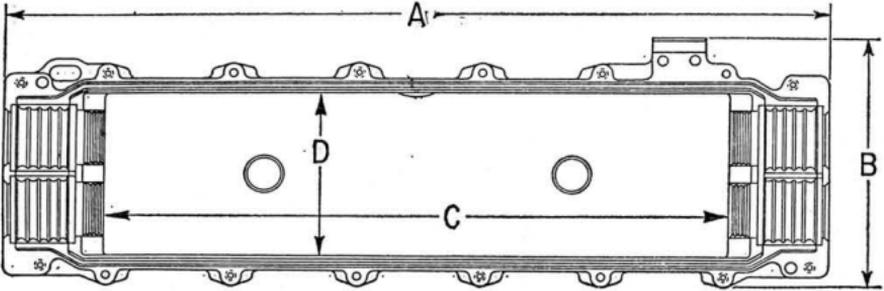
Grd. Lug
Assembly



Cap Screws and Hex. Nuts

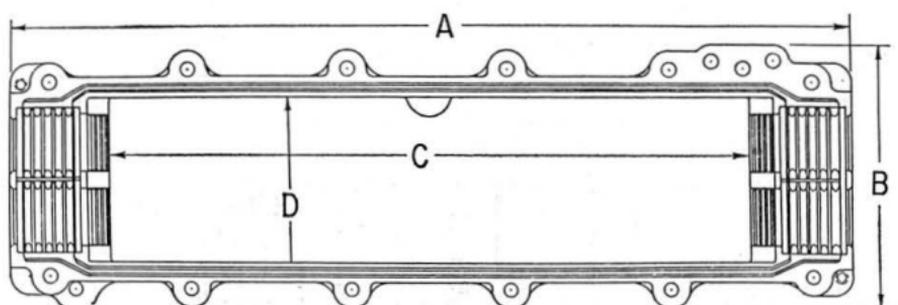
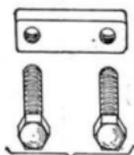
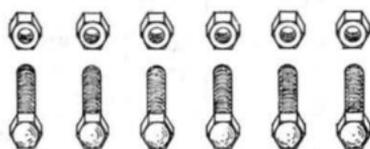
Case	Dimensions (Inches)				Weight (Approx. Pounds)
	Outside		Inside		
	Length (A)	Width (B)	Length (C)	Diam. (D)	
20 C1	25 7/8	6 3/4	18 1/2	4 1/2	4
20 C2		7 1/4			18
20 D1		8 5/8		6	5
20 D2		8 3/4			21

(d) 21A1, 21A3, 21B1, and 21B3 types.



Case	Dimensions (Inches)				Weight (Approx. Pounds)
	Outside		Inside		
	Length (A)	Width (B)	Length (C)	Diam. (D)	
21A1 21A3	23	5 ⁵ / ₈	17	3	4
21B1 21B3	25	7 ⁵ / ₈	19	5	5

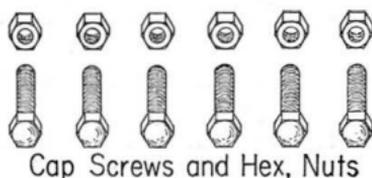
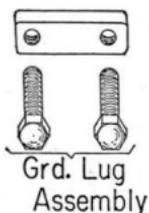
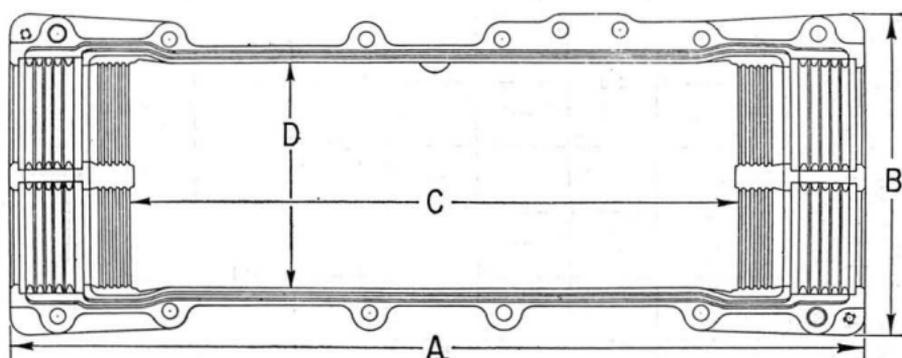
(e) 21A2 and 21B2 types.

Inner Sheath
ClampsGrd. Lug
Assembly

Cap Screws and Hex, Nuts

Case	Dimensions (Inches)				Weight (Approx. Pounds)
	Outside		Inside		
	Length (A)	Width (B)	Length (C)	Diam. (D)	
21A2	23	5 $\frac{7}{8}$	16 $\frac{3}{4}$	3	11
21B2	25	7 $\frac{7}{8}$	19	5	17

(f) 21C and 21D types.



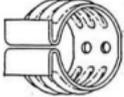
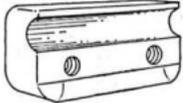
Case	Dimensions (Inches)				Weight (Approx. Pounds)
	Outside		Inside		
	Length (A)	Width (B)	Length (C)	Diam. (D)	
21C1	25 ⁷ / ₈	8	18 ¹ / ₄	5 ¹ / ₂	6
21C2		8 ³ / ₈			23
21D1		9 ⁵ / ₈		7	7
21D2		10			27

2.03 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 a complete 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 in the following tables:

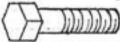
(a) 20A1, 20A3, 20B1, 20B3, 21A1, 21A3, 21B1, and 21B3 types.

PART	✱	USED FOR	NUMBER (QUANTITY) OF PARTS FURNISHED WITH EACH CASE							
			CASE NUMBER							
			20A1	20A3	20B1	20B3	21A1	21A3	21B1	21B3
Inner Sheath Clamp 	P18A727 Clamp	Slides under sheath tabs for clamping	1				2			
	P46A911 Clamp				1			2		
Strand Lug 	P13A189 Lug	Supports case from strand	1		1		1		1	
	P10C410 Lug				1		1		1	
Washer Headed Bolt 1/4 in.-20 x 1 in. Cap Screw 	P13A247 Cap Screw	For joining splice cases	6				8			
		For attaching strand lug	2							
1/8 in. Pipe Plug 	P13A314 Plug	Pressure testing fitting					1			

* This information should be used when ordering parts.

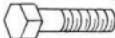
Note: B sealing tape and B sealing cord are furnished with the 20A-type splice cases.

(b) 20A2, 20B2, 21A2, and 21B2 types.

PART	✱	USED FOR	Number (Quantity) of Parts furnished with each Case.			
			Case Number			
			20A2	20B2	21A2	21B2
Inner Sheath Clamp 	P-18A727 Clamp	Slides under sheath tabs for clamping	1		2	
	P-46A911 Clamp			1		2
Cap Screw $\frac{3}{8}$ in. - 16 x $1\frac{1}{2}$ in. 	Screw Hex H Cap $\frac{3}{8}$ in. - 16 x $1\frac{1}{2}$ in. P 16E850	For joining splice cases.	6			
Nut 			6			
Ground Lug  Cap Screw $\frac{3}{8}$ in. - 16 x 1 in. 	P-18A678 Ground Lug Assembly	For securing bonding ribbon to splice case, and mounting detail for 50A Hanger.	1			
$\frac{1}{8}$ in. Pipe Plug 	P-13A314 Plug	Pressure testing fitting	1			

* This information should be used when ordering parts.

(c) C and D sizes of splice cases.

PART	*	USED FOR	Number (Quantity) of Parts furnished with each Case.							
			Case Number							
			20C1	20C2	20D1	20D2	21C1	21C2	21D1	21D2
Inner Sheath Clamp 	P-10C100 Clamp	Slides under sheath tabs for clamping	1				2			
	P-10C093 Clamp				1			2		
Cap Screw $\frac{3}{8}$ in. - 16 x $1\frac{1}{2}$ in. 	Screw Hex H Cap $\frac{3}{8}$ in. - 16 x $1\frac{1}{2}$ in. P 16E850	For joining splice cases.	6							
Nut 	Nut $\frac{3}{8}$ in. - 16 x $\frac{9}{16}$ in. RM-604800		6							
Ground Lug 	P-18A618 Ground Lug Assembly	For securing bonding ribbon to splice case, and mounting detail for 50A Hanger.	1		1		1		1	
Cap Screw $\frac{3}{8}$ in. - 16 x 1 in. 	P-18A678 Ground Lug Assembly			1		1		1		1
$\frac{1}{8}$ in. Pipe Plug 	P-13A314 Plug	Pressure testing fitting	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 as required. (B sealing tape and B sealing cord are furnished with the 20A-type cases.)

- (a) Sealing washers, see G50.700.4.
- (b) Adapters, see G50.700.5.
- (c) Sealing materials and 50-A Hanger, see G50.700.5.