

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G50.700.2
Issue 2, January, 1960
AT&TCo Standard

SPLICE CASES
20 AND 21 TYPES
REFERENCE TABLES

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1. GENERAL

1.01 This section has been revised to include recently introduced small sizes of cast iron splice cases. It contains selected information on 20- and 21-type splice cases for use by the workman who is experienced in placing these cases. For more detailed information refer to G50.700.1 for selection of desired practice.

1.02 The following table lists the 20- and 21-type splice cases with certain related dimensions.

Splice Case No.	Overall Length	Inside Diam.	Sheath Opening	Tab Length	Distance Between Inner Sealing Washers	Max. Cable Sheath Diam.
20 A1 20A3	21	2	13	1½	16	1.0
20A2	20¾	2	13	1½	16	1.0
20 B1 20B3	24	3	16	1½	19	1.6
20B2	23¾	3	16	1½	19	1.6
20 C1 20C2	25⅞	4½	17	2¼	21½	2.2
20 D1 20D2	25⅞	6	17	2¼	21½	2.9
21 A1 21A3	23	3	15¾	1½	18¾	1.0
21A2	23	3	15¾	1½	18¾	1.0
21 B1 21B3	25	5	17¾	1½	20¾	1.6
21B2	25	5	17¾	1½	20¾	1.6
21 C1 21C2	25⅞	5½	17	2¼	21½	2.2
21 D1 21D2	25⅞	7	17	2¼	21½	2.9

2. SEALING WASHERS

2.01 Select the correct sealing washers from the following tables. Two washers, or combination of washers, are required for each end seal of the splice case.

(a) For splice cases of A and B sizes.

Cable Diameter (over sheath)	Type of Case			
	20A and 21A		20B and 21B	
	Washer		Washer	
	Type	Size	Type	Size
0	D	100	D	200
.3	B	103	D	200*
.4	B	104	D	200*
.5	B	105	D	200*
.6	B	106	D	200*
.7	B	107	D	200*
.8	B	108	D	200*
.9	B	109	D	200*
1.0	B	110	B	210
1.1			B	211
1.2			B	212
1.3			B	213
1.4			B	214
1.5			B	215
1.6			B	216

* Cut opening to size with Washer Cutting Tool

(b) For splice cases of C and D sizes.

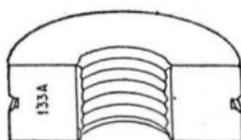
Cable Diameter (over sheath)	Type of Case	
	20C and 21C Size	20D and 21D Size
0	300	400
.3	3100+103	4100+103
.4	3100+104	4100+104
.5	3100+105	4100+105
.6	3100+106	4100+106
.7	3100+107	4100+107
.8	3100+108	4100+108
.9	3100+109	4100+109
1.0	3100+110	4100+110
1.1	311	4200+211
1.2	312	4200+212
1.3	313	4200+213
1.4	314	4200+214
1.5	315	4200+215
1.6	316	416
1.7	317	417
1.8	318	418
1.9	319	419
2.0	320	420
2.1	321	421
2.2	322	422
2.3		423
2.4		424
2.5		425
2.6		426
2.7		427
2.8		428
2.9		429

Series 100 and 200, B Sealing Washers
 Series 300 and 400, C Sealing Washers
 Series 3000 and 4000, E Sealing Washers

3. ADAPTERS

3.01 Select adapter assemblies from the following table.

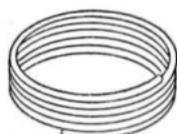
ADAPTER ASSEMBLIES For 20 and 21 Type Splice Cases



Spacer (Two)



Clamp



Lashing Wire

Diameter of Cable to be Installed	Adapter used in Splice Cases		
	20B and 21B	20C and 21C	20D and 21D
.3-1.0 Inches	129A	133D	133A
1.0-1.6 Inches	—	133E	133B
1.6-2.2 Inches	—	—	133C