

LOADING COILS AND CASES

CAST IRON CASE DATA

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1. GENERAL

1.01 This section covers cast iron loading coil cases used in loading aerial and underground cables. The cast iron cases are no longer manufactured, but there are, of course, many of them in plant.

2. CAST IRON LOADING COIL CASE DATA

2.01 The following table lists the cast iron loading coil cases. It gives the dimensions and weight of the case, diameter and gauge of the stub and the type of support needed to mount the case on a pole. In the underground plant, the cases are generally placed on the floor or buried in the floor of the manhole. In most instances no support is required.

2.02 CAST IRON LOADING COIL CASE DATA (All these cases superseded)

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
22A	23-1/2	24-1/4 Diam.		750	30	1-7/16	19	M	H4 or H6
22B	26	24-1/4 Diam.		800	35	1-7/32	19	M	H4 or H6
22C	33-1/4	24-1/4 Diam.		1,050	50	1-3/4	19	M	H4 or H6
22D	21-1/4	24-1/4 Diam.		685	50	1-15/16	22	M	H4 or H6
22E	33-3/4	24-1/4 Diam.		990	100	1-15/16	22	M	H4 or H6
22F	23-3/4	24-1/4 Diam.		835	50	1-15/16	22	M	H4 or H6
23A	18-1/2	25-3/4 Diam.		750	28	1-17/32	19	M	H4 or H6
23B	21	25-3/4 Diam.		850	35	1-17/32	19	M	H4 or H6
23C	29-1/2	25-3/4 Diam.		1,200	56	1-15/16	19	M	H4 or H6
23D	27-1/8	25-3/4 Diam.		1,075	49	1-15/16	19	M	H4 or H6
23E	31-1/2	25-3/4 Diam.		1,350	63	1-15/16	19	M	H4 or H6
23F	24-1/2	25-3/4 Diam.		1,000	42	1-15/16	19	M	H4 or H6
23G	16	25-3/4 Diam.		700	21	1-17/32	19	M	H4 or H6
23L	40	25-3/4 Diam.		1,650	74-77	2-15/16	19	M	H4 or H6
23J	45-1/4	25-3/4 Diam.		1,725	98	2-7/16	19	M	H4 or H6
23K	50	25-3/4 Diam.		2,000	98	2-7/16	19	M	H4 or H6
23T	45-1/2	25-3/4 Diam.		1,680	200	2-21/32	22	M	H4 or H6
23U	31-1/2	25-3/4 Diam.		1,235	100	1-5/16	22	M	H4 or H6
23W	51-1/2	25-3/4 Diam.		1,750	200	2-21/32	22	M	H4 or H6
24A	23-1/2	26-1/4 Diam.		1,000	20	1-19/32	19	Same as 23F case	
24B	26-7/8	26-1/4 Diam.		1,195	24	1-23/32	19	Same as 23D case	
25C	43-5/8	25-3/4 Diam.		1,700	31	See Note 1	13	Same as 23J case	

Note 1: Case No. 25C was made with four different stubs, 1-15/16 in., 2 in., 2-1/16 in. and 2-3/32 in. in diameter.

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
25D	40	25-3/4 Diam.		1,650	27	1-29/32	13	Same as 23L case	
25E	47-7/8	25-3/4 Diam.		1,800	56	2-1/16	13	Same as 23T case	
25F	47	25-3/4 Diam.		1,700	34	See Note 2	13	Same as 23T case	
27A	51-3/8	25-3/4 Diam.		2,100	80	1-13/16	19	M	H4 or H6
27B	31-5/8	25-3/4 Diam.		1,300	40	See Note 3	19	M	H4 or H6
27C	45-1/8	25-3/4 Diam.		1,680	68	See Note 4	19	M	H4 or H6
27D	37-3/16	25-3/4 Diam.		1,430	52	1-17/32	19	M	H4 or H6
27E	51-3/16	25-3/4 Diam.		2,000	72	1-29/32	19	M	H4 or H6
27F	31-5/8	25-3/4 Diam.		1,280	36	1-17/32	19	M	H4 or H6
27G	51-1/8	25-3/4 Diam.		2,050	76	1-15/16	19	Same as 23W case	
28A	8	10 Diam.		80	1	7/16	19	SB	—
28B	11	10 Diam.		95	2	1/2 & 17/32	19	SB	—
28C	14	10 Diam.		110	3	9/16	19	SB	—
28D	16-1/2	10 Diam.		120	4	19/32 & 5/8	19	SB	—
28E	19	10 Diam.		140	5	21/32	19	SB	—
28F	22	10 Diam.		160	6	11/16	19	SB	—
28G	24-1/2	10 Diam.		180	7	23/32	19	SB	—
28H	27	10 Diam.		190	8	23/32	19	SB	—

Note 2: Case No. 25F was made with five different stubs, 2 in., 2-1/32 in., 2-1/16 in., 2-1/8 in. and 2-5/32 in. in diameter.

Note 3: Case No. 27B was made with five different stubs measuring 1-7/32 in. to 1-13/32 in. in diameter.

Note 4: Case No. 27C was made with nine different stubs measuring 1-19/32 in. to 1-23/32 in. in diameter.

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
28J	30	10 Diam.		200	9	25/32	19	SB	—
28K	32-1/2	10 Diam.		210	10	25/32	19	SB	—
28L	35-1/2	10 Diam.		230	11	13/16	19	SB	—
28M	38	10 Diam.		250	12	27/32	19	SB	—
28N	40-1/2	10 Diam.		260	13	7/8	19	SB	—
28P	43-1/2	10 Diam.		280	14	7/8	19	SB	—
28R	46	10 Diam.		290	15	29/32	19	SB	—
28S	38	10 Diam.		280	25	15/16	22	SB	—
28T	43-1/4	10 Diam.		370	25	15/16	22	SB	—
29A	9-1/8	12-3/8 Diam.		110	1	17/32	19	SC	—
29B	12-7/8	12-3/8 Diam.		170	2	5/8	19	SC	—
29C	16-3/8	12-3/8 Diam.		190	3	11/16	19	SC	—
29D	20	12-3/8 Diam.		230	4	3/4	19	SC	—
29E	23-1/2	12-3/8 Diam.		270	5	25/32	19	SC	—
29F	27	12-3/8 Diam.		300	6	27/32	19	SC	—
29G	30-1/2	12-3/8 Diam.		350	7	7/8	19	SC	—
29H	34	12-3/8 Diam.		400	8	15/16	19	SC	—
29J	37-1/2	12-3/8 Diam.		440	9	31/32	19	SC	—
29K	41	12-3/8 Diam.		480	10	1	19	SC	—
29L	44-1/2	12-3/8 Diam.		525	11	1-1/32	19	SC	—
29M	48	12-3/8 Diam.		510	12	1-1/16	19	SC	—
29N	51-1/2	12-3/8 Diam.		560	13	1-3/32	19	SC	—
29P	55	12-3/8 Diam.		580	14	1-1/8	19	SC	—
29R	58-3/8	12-3/8 Diam.		620	15-18	1-5/32	19	SC	—

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
29S	14-5/8	12-3/8 Diam.		120	3	9/16	19	SC	—
29T	23-1/2	12-3/8 Diam.		180	6	21/32	19	SC	—
29U	32-3/8	12-3/8 Diam.		300	9	3/4	19	SC	—
29V	41	12-3/8 Diam.		390	12	13/16	19	SC	—
29W	50	12-3/8 Diam.		420	15	7/8	19	SC	—
29Y	63-3/4	12-3/8 Diam.		620	20	1	19	SC	—
29AA	14-5/8	12-3/8 Diam.		120	3	5/8	19	SC	—
29AB	23-5/8	12-3/8 Diam.		180	6	25/32	19	SC	—
29AC	32-1/2	12-3/8 Diam.		300	9	7/8	19	SC	—
29AD	41	12-3/8 Diam.		390	12	31/32	19	SC	—
29AE	50	12-3/8 Diam.		460	15	1-1/32	19	SC	—
29AF	58-3/8	12-3/8 Diam.		540	18	1-1/8	19	SC	—
29AG	63-3/4	12-3/8 Diam.		595	21	1-3/16	19	SC	—
29AH	63-3/4	12-3/8 Diam.		595	21	1	19	SC	—
30A	40-1/2	29-1/2 Diam.		1,900	21	1-23/32	13	Same as 31B case	
30B	4-5/8	29-1/2 Diam.		2,200	27	2	13	Same as 31A case	
31A	45-3/8	29-1/2 Diam.		2,140	52	See Note 5	13	M	H4 or H6
31B	40-1/4	29-1/2 Diam.		1,990	36	2-1/16	13	M	H4 or H6
31C	35-3/4	29-1/2 Diam.		1,700	27	See Note 6	13	M	H4 or H6

Note 5: Case No. 31A was made with eight different stubs, 1-31/32 in., 2 in., 2-1/16 in., 2-1/8 in., 2-5/32 in. and three cases with stubs 2-5/32 in. in diameter.

Note 6: Case No. 31C was made with three different stubs one measuring 1-19/32 in. in diameter and the other two stubs 1-3/4 in. in diameter.

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
31D	29-3/4	29-1/2 Diam.		1,540	18	See Note 7	13	M	H4 or H6
31E	24-5/8	29-1/2 Diam.		1,240	12	1-1/4	13	M	H4 or H6
31F	35-3/4	29-1/2 Diam.		1,765	21	2-1/8	13	M	H4 or H6
31G	29-3/4	29-1/2 Diam.		1,580	15	1-31/32	13	M	H4 or H6
31H	29-3/4	29-1/2 Diam.		1,400	5	1-21/32	16	M	H4 or H6
31J	24-5/8	29-1/2 Diam.		1,200	8	1-17/32	16	M	H4 or H6
31K	24-5/8	29-1/2 Diam.		1,200	4	1-17/32	16	M	H4 or H6
31L	28-1/4	29-1/2 Diam.		1,520	10	1-15/16	16	M	H4 or H6
31M	22-1/2	29-1/2 Diam.		1,335	10	1-15/16	16	M	H4 or H6
31N	24-5/8	29-1/2 Diam.		1,430	5	1-15/16	16	M	H4 or H6
32A	51-5/8	29-1/2 Diam.		2,850	108	2-7/32	19	M	H4 or H6
32B	51-5/8	29-1/2 Diam.		2,770	105	2-3/16	19	M	H4 or H6
32C	51-5/8	29-1/2 Diam.		2,700	102	2-3/16	19	M	H4 or H6
32D	42-1/2	29-1/2 Diam.		2,200	81	2-1/32	19	M	H4 or H6
32F	45-1/8	29-1/2 Diam.		2,400	90	2-1/8	19	M	H4 or H6
33A	40-3/4	29-1/2 Diam.		2,140	48	2-15/32	19	Same as 31B case	
34A	21	16-1/4 Diam.		370	3	25/32	13	SE	—
34B	36-1/4	16-1/4 Diam.		640	6	1	13	SE	—
34C	52-1/4	16-1/4 Diam.		930	9	1-7/32	13	SE	—
34D	21	16-1/4 Diam.		340	3	29/32	13	SE	—
34E	36-1/4	16-1/4 Diam.		640	6	1-5/32	13	SE	—
34F	52-1/4	16-1/4 Diam.		930	9	1-15/32	13	SE	—

Note 7: Case No. 31D was made with three different stubs approximately 1-1/2 in. in diameter.

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
37A	16-1/2	13-3/8 Diam.		210	1	31/32	16	SD	—
37B	21	13-3/8 Diam.		240	1	1-1/32	16	SD	—
37C	21	13-3/8 Diam.		265	3	1	16	SD	—
37D	26-7/8	13-3/8 Diam.		285	3	1	16	SD	—
37E	29-1/2	13-3/8 Diam.		325	2	1-3/32	16	SD	—
37F	34-3/8	13-3/8 Diam.		370	2	1-1/4	16	SD	—
37G	37-3/4	13-3/8 Diam.		385	6	1-1/4	16	SD	—
37H	41-1/2	13-3/8 Diam.		405	3	1-1/4	16	SD	—
37J	40-3/8	13-3/8 Diam.		450	8	1-17/32	16	SD	—
37K	46-1/8	13-3/8 Diam.		500	6	1-5/8	16	SD	—
37L	51-3/16	13-3/8 Diam.		550	3	1-5/8	16	SD	—
37M	53-3/4	13-3/8 Diam.		490	4	1-17/32	16	SD	—
37N	57-1/8	13-3/8 Diam.		590	8	1-3/4	16	SD	—
37P	60-3/4	13-3/8 Diam.		545	10	1-21/32	16	SD	—
37R	63-5/8	13-3/8 Diam.		700	4	1-3/4	16	SD	—
37S	65-3/4	13-3/8 Diam.		600	5	1-21/32	16	SD	—
37T	15-3/16	13-3/8 Diam.		200	2	31/32	16	SD	—
37U	19-3/8	13-3/8 Diam.		210	2	1-1/32	16	SD	—
37W	26-7/8	13-3/8 Diam.		300	4	1-3/32	16	SD	—
37Y	31-1/16	13-3/8 Diam.		320	4	1-1/4	16	SD	—
37AA	41-1/2	13-3/8 Diam.		400	4	1-3/32	16	SD	—
37AB	60-3/4	13-3/8 Diam.		540	6	1-1/4	16	SD	—

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
37AC	26-7/8	13-3/8 Diam.		310	1	31/32	16	SD	—
37AD	46-1/8	13-3/8 Diam.		430	2	1-3/32	16	SD	—
37AE	63-5/8	13-3/8 Diam.		575	3	1-1/4	16	SD	—
37AF	26-7/8	13-3/8 Diam.		300	2	21/32	16	SD	—
37AG	31-1/16	13-3/8 Diam.		330	3	1	16	SD	—
39A	63-3/4	12-3/8 Diam.		550	18	1-3/32	19	SC	—
39B	23-1/2	12-3/8 Diam.		180	6	21/32	19	SC	—
39C	32-3/8	12-3/8 Diam.		300	9	3/4	19	SC	—
40A	56	25-3/4 Diam.		2,335	105	2-5/16	19	M	H4 or H6
40B	47-1/4	25-3/4 Diam.		1,900	84	2	19	M	H4 or H6
40C	38-1/8	25-3/4 Diam.		1,565	63	1-23/32	19	M	H4 or H6
40D	28-1/4	25-3/4 Diam.		1,275	42	1-1/2	19	M	H4 or H6
41A	56-1/8	29-1/2 Diam.		2,905	135	2-5/16	19	M	H4 or H6
42A	16-5/8	10 Diam.		150	3	9/16	19	SB	—
42B	11-3/8	10 Diam.		100	1	9/16	19	SB	—
42C	16-7/8	10 Diam.		150	2	21/32	19	SB	—
42D	22	10 Diam.		200	3	3/4	19	SB	—
42E	46-1/8	10 Diam.		350	4	1-1/8	19	SB	—
43A	52-1/4	29-1/2 Diam.		3,000	300	2-11/16	22	M	H4 or H6
43B	52-1/4	29-1/2 Diam.		2,760	300	2-17/32	22	M	H4 or H6
44A	29-1/2	24-1/4 Diam.		1,100	300	2-1/2	22	M	H4 or H6
44B	22-3/8	24-1/4 Diam.		725	200	2-1/8	22	M	H4 or H6

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
45A	22-7/8	15-3/4 Diam.		575	100	1-5/8	22	SE	—
45B	15-7/8	15-3/4 Diam.		350	50	1-5/16	22	SE	—
45C	11-5/8	15-3/4 Diam.		175	25	29/32	22	SE	—
46A	36-3/8	22-5/16 Diam.		1,150	14	1-1/2	19	M	H4 or H6
46B	46-5/8	22-5/16 Diam.		1,350	24	1-29/32	19	M	H4 or H6
46C	51-5/8	22-5/16 Diam.		1,600	28	2	19	M	H4 or H6
46D	29-3/4	22-5/16 Diam.		1,000	10	—	19	M	H4 or H6
47A	46-5/8	23-7/8 Diam.		1,700	36	2-13/16	19	M	H4 or H6
48A	46-5/8	25-3/4 Diam.		2,000	46	2-5/16	19	M	H4 or H6
48B	51-5/8	25-3/4 Diam.		2,300	56	2-1/4	19	M	H4 or H6
49A	46-5/8	29-1/2 Diam.		2,550	72	2-11/32	22	M	H4 or H6
49B	51-5/8	29-1/2 Diam.		2,850	84	2-1/2	22	M	H4 or H6
58A	14-3/8	14	15-1/4	250	2	29/32	16	SF	—
58B	22-1/8	14	15-1/4	325	4	1-9/16	16	SF	—
58C	29-3/4	14	15-1/4	400	6	1-11/16	16	SF	—
58D	37-3/8	14	15-1/4	480	8	1-13/16	16	SF	—
58E	43-1/8	14	15-1/4	560	10	1-15/16	16	SF	—
58F	50-3/8	14	15-1/4	645	12	2-1/16	16	SF	—
58G	65-1/8	14	15-1/4	800	16	2-5/16	16	SF	—
58H	22-1/8	14	15-1/4	375	1	29/32	16	SF	—
58J	37-1/8	14	15-1/4	460	2	1-9/16	16	SF	—
58K	50-3/8	14	15-1/4	620	3	1-11/16	16	SF	—

Code Number (Case)	Approx. Height (Inches)	Approx. Thickness (Inches)	Approx. Width (Inches)	Approx. Weight (Pounds)	Number of Coils	Stub Cable		Type of Aerial Support	
						Diam. (Inches)	Gauge	Single	Multiple
58L	65-1/8	14	15-1/4	770	4	1-13/16	16	SF	—
58M	25-5/8	14	15-1/4	360	1	29/32	16	SF	—
58N	43-1/8	14	15-1/4	540	2	1-9/16	16	SF	—
58P	61-3/4	14	15-1/4	715	3	1-11/16	16	SF	—
58R	17-3/4	14	15-1/4	285	1	29/32	16	SF	—
58S	29-3/4	14	15-1/4	400	2	1-9/16	16	SF	—
58T	40-1/8	14	15-1/4	520	3	1-11/16	16	SF	—
58U	50-3/8	14	15-1/4	645	4	1-13/16	16	SF	—
58W	61-3/4	14	15-1/4	760	5	1-15/16	16	SF	—