

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G59.010.6
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AT&T Co Standard

LOADING COILS AND CASES

APPARATUS CASE DATA

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1. GENERAL

- 1.01 This section covers the welded steel apparatus cases containing retardation coils and filters.

2. WELDED STEEL APPARATUS CASE DATA

2.01 The following tables list the standard welded steel apparatus cases as well as the superseded types, the manufacture of which has been discontinued. The tables give the dimensions and weight of the case, diameter and gauge of the stub, and the type of support required to mount the aerial cases on poles. In the underground plant, the cases are placed on the floor of the manhole. Aerial cases are suitable for use in cable vaults. The asterisk (*) indicates current standard cases.

2.02 AERIAL CASES

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
300B	22	23-1/4	21-3/4	525	34-64	2-5/32	19	M	H4 or H6
300C	30-1/2	23-1/4	21-3/4	750	66-96	2-13/32	19	M	H4 or H6
300D	39	23-1/4	21-3/4	900	98-128	2-5/16	22	M	H4 or H6
300E	43-1/2	23-1/4	21-3/4	1,150	130-144	2-15/32	22	M	H4 or H6
301A	21	8-1/4	11-1/8	150	12-16	1-3/32	19	(4) 1/2" x 4-1/2" Drive Screws (4) 1/2" x 4-1/2" Drive Screws (4) 1/2" x 4-1/2" Drive Screws Pole Mounting Brackets Pole Mounting Brackets	
302A	20-1/2	10-1/8	12-1/2	190	1-4	21/32	19		
302B	35-1/2	10-1/8	12-1/2	270	5-8	13/16	19		
*303A	15	6-1/2 Diam.		60	1-4	27/32	22		
*303B	23-1/4	6-1/2 Diam.		70	5-10	27/32	22		
*304A	20-1/2	9	10-3/8	140	12-16	1	22	Pole Mounting Brackets	
*305A	14-3/4	11-3/4	23-1/4	225	18-32	1-1/4	22	M	H4 or H6
*305B	23-1/4	11-3/4	23-1/4	300	34-64	1-21/32	22	M	H4 or H6
*305C	31-3/4	11-3/4	23-1/4	400	66-96	1-15/16	22	M	H4 or H6
*305D	40-1/4	11-3/4	23-1/4	500	98-128	2-3/16	22	M	H4 or H6
*305E	44-1/2	11-3/4	23-1/4	600	130-144	2-5/16	22	M	H4 or H6
*306A	20-3/4	10-3/8	10-3/4	150	1-4	27/32	22	Pole Mounting Brackets	

2.02 AERIAL CASES (Continued)

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
*306B	34-3/4	10-3/8	10-3/4	200	5-8	27/32	22	Pole Mounting Brackets	
*307A	23-1/4	11-3/4	23-1/4	300	9-16	1	22	M	H4 or H6
310A	13-1/2	23-1/4	21-3/4	300	16-28	1-1/2	19	M	H4 or H6
310B	22	23-1/4	21-3/4	325	30-56	2-3/32	19	M	H4 or H6
310C	30-1/2	23-1/4	21-3/4	750	58-84	2-9/32	19	M	H4 or H6
310D	39	23-1/4	21-3/4	900	86-112	2-3/16	22	M	H4 or H6
311A	21	8-1/4	11-1/8	150	12-14	1-3/32	19	(4) 1/2" x 4-1/2" Drive Screws	
*313A	15	6-1/2 Diam.		60	1-4	27/32	22	Pole Mounting Brackets	
*313B	23-1/4	6-1/2 Diam.		70	5-10	27/32	22	Pole Mounting Brackets	
*314A	20-1/2	9-1/2	10-3/8	140	12-14	1	22	Pole Mounting Brackets	
*315A	14-3/4	11-3/4	23-1/4	225	16-28	1-1/4	22	Pole Mounting Brackets	
*315B	23-1/4	11-3/4	23-1/4	300	30-56	1-21/32	22	Pole Mounting Brackets	
*315C	31-3/4	11-3/4	23-1/4	400	58-84	1-15/16	22	Pole Mounting Brackets	
*315D	40-1/4	11-3/4	23-1/4	500	86-112	2-3/16	22	Pole Mounting Brackets	

2.03 LEAD SLEEVE CASES

350A	12-1/2	5-3/4 Diam.		60	1-4	3/4	19	Lashed Cable Supports	
350B	22-1/2	5-3/4 Diam.		82	5-10	15/16	19	Lashed Cable Supports	
360A	14-1/4	5-3/4 Diam.		70	1-4	3/4	19	Lashed Cable Supports	
360B	26	5-3/4 Diam.		90	5-10	15/16	19	Lashed Cable Supports	

2.04 UNDERGROUND CASES

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
400A	14	13	24	310	18-32	1-5/8	19	—	—
400B	22-1/2	13	24	540	34-64	2-5/32	19	—	—
400C	31	13	24	770	66-96	2-13/32	19	—	—
400D	39-1/2	13	24	925	98-128	2-5/16	22	—	—
400E	43-1/2	13	24	1,180	130-144	2-15/32	22	—	—
401A	21-3/4	9-1/2	12	160	12-16	1-3/32	19	—	—
*403A	17-3/8	6-5/8	6-5/8	65	1-4	27/32	22	—	—
*403B	26	6-5/8	6-5/8	75	5-10	27/32	22	—	—
*404A	22-1/2	10	11	145	12-16	1	22	—	—
*405A	14-3/4	11-3/4	23-1/4	235	18-32	1-1/4	22	—	—
*405B	23-1/4	11-3/4	23-1/4	310	34-64	1-21/32	22	—	—
*405C	31-3/4	11-3/4	23-1/4	415	66-96	1-5/16	22	—	—
*405D	40-1/4	11-3/4	23-1/4	520	98-128	2-3/16	22	—	—
*405E	44-1/2	11-3/4	22-1/2	630	130-144	2-5/16	22	—	—
410A	14	13	24	310	16-28	1-1/2	19	—	—
410B	22-1/2	13	24	540	30-56	2-3/32	19	—	—
410C	31	13	24	770	58-84	2-9/32	19	—	—
410D	39-1/2	13	24	925	86-112	2-3/16	22	—	—
411A	21-3/4	9-1/2	12	160	12-14	1-3/32	19	—	—
*413A	17-3/8	6-5/8	6-5/8	65	1-4	27/32	22	—	—
*413B	26	6-5/8	6-5/8	75	5-10	27/32	22	—	—
*414A	22-1/2	10	11	145	12-14	1	22	—	—
*415A	14-3/4	11-3/4	23-1/4	235	16-28	1-1/4	22	—	—

2.04 UNDERGROUND CASES (Continued)

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
*415C	31-3/4	11-3/4	23-1/4	415	58-84	1-15/16	22	—	—
*415D	40-1/4	11-3/4	23-1/4	520	86-112	2-3/16	22	—	—

2.05 BURIED CASES

*453A	17-3/8	6-5/8	6-5/8	75	1-4	27/32	22	—	—
*453B	26	6-5/8	6-5/8	90	5-10	27/32	22	—	—
*454A	22-1/2	10	11	165	12-16	1	22	—	—
*455A	14-3/4	11-3/4	23-1/4	250	18-32	1-1/4	22	—	—
*455B	23-1/4	11-3/4	23-1/4	330	34-64	1-21/32	22	—	—
*455C	31-3/4	11-3/4	23-1/4	450	66-96	1-5/16	22	—	—
*455D	40-1/4	11-3/4	23-1/4	560	98-128	2-3/16	22	—	—
*455E	44-1/2	11-3/4	23-1/4	680	130-144	2-5/16	22	—	—
*463A	17-3/8	6-5/8	6-5/8	75	1-4	27/32	22	—	—
*463B	26	6-5/8	6-5/8	90	5-10	27/32	22	—	—
*464A	22-1/2	10	11	165	12-14	1	22	—	—
*465A	14-3/4	11-3/4	23-1/4	250	16-18	1-1/4	22	—	—
*465B	23-1/4	11-3/4	23-1/4	330	30-56	1-21/32	22	—	—
*465C	31-3/4	11-3/4	23-1/4	450	58-84	1-15/16	22	—	—
*465D	40-1/4	11-3/4	23-1/4	560	86-112	2-3/16	22	—	—