

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G59.010.5
Issue 4, January, 1957
AT&TCo Standard

LOADING COIL CASES

LEAD SLEEVE TYPE—DATA

1. GENERAL

1.01 This section replaces Issue 3. It covers the lead sleeve loading coil cases used in loading aerial, underground and buried cables. The lead sleeve cases are no longer manufactured but there are many of them in plant and will continue to be reused.

1.02 The cases in the 124, 195 and 295 series now being manufactured are of welded steel construction; whereas they were formerly of the lead sleeve design. These cases are covered in the following table as well as in Section G59.010.3.

2. LEAD SLEEVE LOADING COIL CASE DATA

2.01 The following table lists the superseded lead sleeve loading coil cases. The table gives the dimensions and weight of the cases, diameter and gauge of the stub. Asterisks (*) indicate the cases which formerly were of the lead sleeve type but now are of welded steel construction.

| Case No. | Case Description | Weight (Lbs.) | Stub Diameter (In.) | Stub Gauge (In.) |
|----------|------------------|---------------|---------------------|------------------|
| 124 | ... | ... | ... | ... |
| 195 | ... | ... | ... | ... |
| 295 | ... | ... | ... | ... |

2.02 LEAD SLEEVE LOADING CASE DATA

(a) Aerial or Underground

| Code Number (Case) | Approx. Height (Inches) | Approx. Diameter (Inches) | Approx. Weight (Pounds) | Number of Coils | Stub Cable | |
|--------------------|-------------------------|---------------------------|-------------------------|-----------------|----------------|-------|
| | | | | | Diam. (Inches) | Gauge |
| 93A | 6-3/4 | 3-1/4 | 10 | 2-5 | 9/16 | 22 |
| 93B | 11-5/8 | 3-1/4 | 18 | 6-10 | 21/32 | 22 |
| 93C | 16-3/8 | 3-1/4 | 25 | 11-15 | 21/32 | 24 |
| 94A | 17 | 5-1/2 | 55 | 6 | 1-3/32 | 19 |
| 94AG | 17 | 5-1/2 | 50 | 6 | 1-3/32 | 19 |
| 94B | 12-3/4 | 5-1/2 | 35 | 4 | 61/64 | 19 |
| 94BG | 12-3/4 | 5-1/2 | 32 | 4 | 61/64 | 19 |
| 95A | 7-1/2 | 3-1/4 | 10 | 2-5 | 17/32 | 24 |
| 95B | 12-1/4 | 3-1/4 | 17 | 6-10 | 5/8 | 24 |
| 95C | 17 | 3-1/4 | 24 | 11-15 | 11/16 | 24 |
| 95D | 24 | 3-1/4 | 37 | 10-26 | 27/32 | 24 |
| 96A | 14-1/4 | 5-3/4 | 60 | 27-51 | 1-1/16 | 24 |
| 96B | 25-3/4 | 5-3/4 | 115 | 52-101 | 1-3/8 | 24 |
| 97A | 18-3/4 | 5-3/4 | 75 | 15 | 29/32 | 24 |
| 97AG | 18-3/4 | 5-3/4 | 70 | 15 | 29/32 | 24 |
| 98A | 14 | 5 | 40 | 5-6 | 1-5/32 | 19 |
| 98AG | 14 | 5 | 36 | 5-6 | 1-5/32 | 19 |
| 98B | 11 | 5 | 28 | 4 | 15/16 | 19 |
| 98BG | 11 | 5 | 25 | 4 | 15/16 | 19 |
| 98C | 20-1/4 | 5 | 82 | 7-10 | 1-5/32 | 19 |

(a) Aerial or Underground (Continued)

| Code Number (Case) | Approx. Height (Inches) | Approx. Diameter (Inches) | Approx. Weight (Pounds) | Number of Coils | Stub Cable | |
|-----------------------|----------------------------|------------------------------|----------------------------|-----------------|-------------------|-------|
| | | | | | Diam. (Inches) | Gauge |
| 98CG | 20-1/4 | 5 | 16 | 7-10 | 1-5/32 | 19 |
| 99A | 9-1/4 | 5 | 20 | 1 | 9/16 | 19 |
| 99AG | 9-1/4 | 5 | 18 | 1 | 9/16 | 19 |
| 99B | 15-1/2 | 5 | 30 | 2 | 21/32 | 19 |
| 99BG | 15-1/2 | 5 | 27 | 2 | 21/32 | 19 |
| 99C | 22 | 5 | 40 | 3 | 3/4 | 19 |
| 99CG | 22 | 5 | 36 | 3 | 3/4 | 19 |
| 107A | 15 | 3-7/8 | 35 | 1-3 | 7/8 | 19 |
| 107B | 28 | 3-7/8 | 60 | 4-6 | 1-7/64 | 19 |
| *124A | 6-7/8 | 3-13/16 | 15 | 5-15 | 11/16 | 24 |
| *124B | 10-3/8 | 3-13/16 | 25 | 16-26 | 17/32 | 24 |
| *124C | 17-3/4 | 3-13/16 | 40 | 35-51 | 1-1/16 | 24 |
| 149A | 9-3/8 | 3-1/4 | 18 | 2-5 | 9/16 | 22 |
| 149AG | 9-3/8 | 3-1/4 | 16 | 2-5 | 9/16 | 22 |
| 149B | 14-1/4 | 3-1/4 | 28 | 6-10 | 21/32 | 22 |
| 149BG | 14-1/4 | 3-1/4 | 25 | 6-10 | 21/32 | 22 |
| 149C | 19-1/4 | 3-1/4 | 40 | 11-15 | 3/4 | 22 |
| 149CG | 19-1/4 | 3-1/4 | 37 | 11-15 | 3/4 | 22 |
| *195A | 8 | 3-7/8 | 20 | 2-5 | 3/4 | 24 |
| *195B | 12-1/8 | 3-7/8 | 26 | 6-10 | 3/4 | 24 |
| *195C | 16-3/8 | 3-7/8 | 31 | 11-15 | 3/4 | 24 |

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(b) Buried Cases

| Code Number (Case) | Approx. Height (Inches) | Approx. Diameter (Inches) | Approx. Weight (Pounds) | Number of Coils | Stub Cable | |
|-----------------------|----------------------------|------------------------------|----------------------------|-----------------|-------------------|-------|
| | | | | | Diam. (Inches) | Gauge |
| 257A | 15-1/4 | 4-1/8 | 42 | 1-3 | 7/8 | 19 |
| 257B | 28-1/4 | 4-1/8 | 70 | 4-6 | 1-7/64 | 19 |
| *295B | 12-3/8 | 4-1/8 | 29 | 6-10 | 3/4 | 24 |
| *295C | 16-5/8 | 4-1/8 | 35 | 11-15 | 3/4 | 24 |
| 298A | 14-1/2 | 5-1/2 | 52 | 5 or 6 | 1-5/32 | 19 |
| 298B | 11-1/2 | 5-1/2 | 34 | 4 | 15/16 | 19 |
| 298C | 20-1/2 | 5-1/2 | 93 | 7-10 | 1-5/32 | 19 |

3. SUPPORTING LEAD SLEEVE CASES

3.01 Lead sleeve cases shall be mounted as covered in the following table.

| DIA. OF CASE | WEIGHT OF CASE | METHOD OF SUPPORT | | | |
|--------------|--------------------|-------------------------|--|----------------------------|--|
| | | AERIAL | | UNDERGROUND | |
| | | STRAND | POLE | HORIZONTAL M'TG | VERTICAL M'TG |
| UP TO 3½ IN. | UNDER 40 LBS. | 2 LASHED CABLE SUPPORTS | 2 ADJUSTABLE SLEEVE STRAPS & HOUSE BRACKET | 2 CABLE STRAPS | 2 CABLE STRAPS & HOUSE BRACKET |
| UP TO 3½ IN. | 40 LBS. TO 75 LBS. | 3 LASHED CABLE SUPPORTS | S V LOADING CASE SUPPORT | 2 CABLE STRAPS | 2 CABLE STRAPS & HOUSE BRACKET |
| OVER 3½ IN. | UNDER 40 LBS. | 2 LASHED CABLE SUPPORTS | 2 ADJUSTABLE SLEEVE STRAPS & HOUSE BRACKET | 2 CABLE STRAPS | 2 ADJUSTABLE SLEEVE STRAPS & HOUSE BRACKET |
| OVER 3½ IN. | 40 LBS TO 75 LBS | 3 LASHED CABLE SUPPORTS | S V LOADING CASE SUPPORT | 2 ADJUSTABLE SLEEVE STRAPS | 2 ADJUSTABLE SLEEVE STRAPS & HOUSE BRACKET |
| — | OVER 75 LBS. | 3 LASHED CABLE SUPPORTS | S V LOADING CASE SUPPORT | S H LOADING CASE SUPPORT | S V LOADING CASE SUPPORT |