

**BELL SYSTEM PRACTICES**  
**Outside Plant Construction**  
**and Maintenance**

**SECTION G21.355**  
**Issue 1, October, 1931**  
**Standard**

**POLE LINES**  
**INSPECTION 56 L**

**5600 Pound Fibre Strength**  
**Light Storm Loading Area**  
**Toll and Exchange Poles**

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**1. MINIMUM CIRCUMFERENCES**

1.01 The dimensions shown in each inspection table are the minimum circumferences of sound wood at the ground line, failing to meet which a pole should normally be considered inadequate.

1.02 Each table is set up to indicate the minimum circumferences in inches for each combination of wire load, pole length and span length. In referring to the tables the wire load should be taken as that existing at the time of the inspection, together with any expected increase in load before the next inspection.

1.03 The circumferences as measured by the inspector do not allow for hollow heart or pockets in the pole. Where such defects exist, suitable deductions should be made as indicated in Section G21.315, in order to determine the ground line measurement for purposes of comparison with the minimum circumferences in the tables.

1.04 In determining which poles require attention the inspector should compare the corrected circumference measurements, paragraph 1.03, with the appropriate minimum circumferences from

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the tables, making due allowance for probable decay before the next inspection.

2. WIRE LOAD REFERENCE

2.01 For cable and combination lines (and others not used exclusively for telephone wires on crossarms of sizes 109, 104 or smaller), the EQUIVALENT WIRE LOAD should be computed in terms of effective 104 telephone wires, and reference made to the tables by means of either the LEFT OR RIGHT HAND COLUMNS.

2.02 For open wire lines used exclusively for telephone open wires on crossarms of sizes 109, 104 or smaller, the ACTUAL WIRE LOAD should be obtained by direct count and reference made to the tables by means of either the LEFT OR RIGHT HAND COLUMNS.

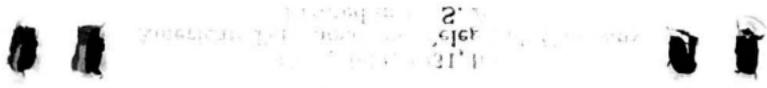
TABLE 56 L - EQUIVALENT WIRE LOADS

TYPE OF WIRE	NO. OF WIRES	NO. OF 104 TELEPHONE WIRES
109	1	1.00
109	2	2.00
109	3	3.00
109	4	4.00
109	5	5.00
109	6	6.00
109	7	7.00
109	8	8.00
109	9	9.00
109	10	10.00
109	11	11.00
109	12	12.00
109	13	13.00
109	14	14.00
109	15	15.00
109	16	16.00
109	17	17.00
109	18	18.00
109	19	19.00
109	20	20.00
109	21	21.00
109	22	22.00
109	23	23.00
109	24	24.00
109	25	25.00
109	26	26.00
109	27	27.00
109	28	28.00
109	29	29.00
109	30	30.00
109	31	31.00
109	32	32.00
109	33	33.00
109	34	34.00
109	35	35.00
109	36	36.00
109	37	37.00
109	38	38.00
109	39	39.00
109	40	40.00
109	41	41.00
109	42	42.00
109	43	43.00
109	44	44.00
109	45	45.00
109	46	46.00
109	47	47.00
109	48	48.00
109	49	49.00
109	50	50.00
109	51	51.00
109	52	52.00
109	53	53.00
109	54	54.00
109	55	55.00
109	56	56.00
109	57	57.00
109	58	58.00
109	59	59.00
109	60	60.00
109	61	61.00
109	62	62.00
109	63	63.00
109	64	64.00
109	65	65.00
109	66	66.00
109	67	67.00
109	68	68.00
109	69	69.00
109	70	70.00
109	71	71.00
109	72	72.00
109	73	73.00
109	74	74.00
109	75	75.00
109	76	76.00
109	77	77.00
109	78	78.00
109	79	79.00
109	80	80.00
109	81	81.00
109	82	82.00
109	83	83.00
109	84	84.00
109	85	85.00
109	86	86.00
109	87	87.00
109	88	88.00
109	89	89.00
109	90	90.00
109	91	91.00
109	92	92.00
109	93	93.00
109	94	94.00
109	95	95.00
109	96	96.00
109	97	97.00
109	98	98.00
109	99	99.00
109	100	100.00

TABLE 56 L - EQUIVALENT WIRE LOADS

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TABLE 56 L - EQUIVALENT WIRE LOADS



# POLE LINE INSPECTION TABLE 56 L-A

## 5600 Pound Fibre Strength Light Storm Loading Area Class A Line—Toll—Open Wire or Cable

Equivalent or Actual Wire Load  Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load  Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
<b>1-10</b>	<b>16</b>	11	11	11	11	11	11	11½	12½	<b>16</b>	<b>1-10</b>
	<b>20</b>	11	11	11	11½	12	12½	13½	14	<b>20</b>	
	<b>25</b>	12	12	12½	13	13½	14	14½	15½	<b>25</b>	
	<b>30</b>	13½	13½	14	14	15	15	16	17	<b>30</b>	
	<b>35</b>	14½	15	15	16	16½	17	17½	18½	<b>35</b>	
	<b>40</b>	16½	17	17½	17½	18½	18½	19½	20½	<b>40</b>	
	<b>45</b>	17½	17½	18½	18½	19	19½	20½	21	<b>45</b>	
	<b>50</b>	19	19	19½	20	20½	20½	21½	22½	<b>50</b>	
	<b>60</b>	21½	21½	22	22½	23	23	24	25	<b>60</b>	
	<b>70</b>	23½	24	24½	24½	25	25½	26½	27	<b>70</b>	
<b>11-15</b>	<b>16</b>	11	11	11	11	11½	12½	13½	14	<b>16</b>	<b>11-15</b>
	<b>20</b>	11½	12	12½	13	13½	14	15	15½	<b>20</b>	
	<b>25</b>	13	13½	14	14	14½	15½	16½	17½	<b>25</b>	
	<b>30</b>	14	14½	15	15½	16½	17	17½	18½	<b>30</b>	
	<b>35</b>	15½	16	16½	17	17½	18½	19	20½	<b>35</b>	
	<b>40</b>	17½	17½	18½	18½	19½	20	20½	22	<b>40</b>	
	<b>45</b>	18½	19	19½	20	20½	21	22	23½	<b>45</b>	
	<b>50</b>	20	20½	20½	21	21½	22	23½	24½	<b>50</b>	
	<b>60</b>	22½	23	23	23½	24½	25	26	27	<b>60</b>	
	<b>70</b>	24½	25	25½	26	26½	27	28	29	<b>70</b>	
		<b>100</b>	<b>110</b>	<b>130</b>	<b>150</b>	<b>175</b>	<b>200</b>	<b>250</b>	<b>300</b>		

INSPECTION TABLE 56 L-A—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
16-20	16	11	11	11½	12	12½	13½	14	15	16	16-20
	20	12½	13	13½	14	14	15	16	17½	20	
	25	14	14	14½	15	16	16½	17½	18½	25	
	30	15	15½	16	17	17½	18½	19	20½	30	
	35	16½	17	17½	18½	19	19½	20½	22	35	
	40	18½	18½	19½	20	20½	21	22½	23½	40	
	45	19½	20	20½	21	21½	22½	23½	24	45	
	50	20½	21	21½	22	23	23½	24½	26	50	
	60	23	23½	24	24½	25½	26	27	28½	60	
	70	25½	26	26½	27	27½	28½	29½	31	70	
21-25	16	11	11½	12½	13	13½	14	15	16	16	21-25
	20	13	13½	14	14½	15	16	17	18½	20	
	25	14	14½	15½	16	17	17½	18½	20	25	
	30	16	16½	17	17½	18½	19	20½	21½	30	
	35	17½	17½	18½	19	20	20½	22	23½	35	
	40	19	19½	20	20½	21½	22	23½	25	40	
	45	20½	20½	21	22	23	23½	24½	26½	45	
	50	21	21½	22½	23½	23½	24½	26	27½	50	
	60	24	24	25	26	26½	27	28½	30	60	
	70	26½	26½	27½	28	29	29½	31	32½	70	
26-30	16	11½	12	12½	13½	14	14	15½	16½	16	26-30
	20	13½	14	14½	15	16	16½	17½	19	20	
	25	15	15½	16	17	17½	18½	19½	20½	25	
	30	16½	17	17½	18½	19	20	21	23	30	
	35	18½	18½	19	20	20½	21½	23	24	35	
	40	20	20½	20½	21½	22½	23½	24½	26½	40	
	45	20½	21	22	23	23½	24½	26	27½	45	
	50	22	22½	23½	24	25	26	27	29	50	
	60	25	25½	26	26½	27½	28½	29½	31½	60	
	70	27	27½	28	29	29½	30½	32	34	70	
		100	110	130	150	175	200	250	300		

**INSPECTION TABLE 56 L-A—(Continued)**

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
<b>31-40</b>	20	14	14½	15½	16	17	17½	19	20½	20	<b>31-40</b>
	25	16	16½	17½	18½	18½	19½	20½	22½	25	
	30	17½	18½	19	20	20½	21	23	24½	30	
	35	19	19½	20½	21	22	23	24½	26½	35	
	40	20½	21	22	23	23½	24½	26½	28	40	
	45	22	22½	23½	24	25½	26½	28	29½	45	
	50	23½	23½	24½	25½	27	27½	29½	31	50	
	70	26	26½	27	28	29½	30	32	33½	60	
	70	28	28½	29½	30½	31½	32½	34½	36½	70	
<b>41-50</b>	20	15	15½	16	17	17½	18½	20	21	20	<b>41-50</b>
	25	17	17½	18½	19	20	20½	22	23½	25	
	30	18½	19	20	20½	21½	22½	24	26	30	
	35	20	20½	21½	22½	23½	24	26	27½	35	
	40	22	22½	23½	24	25½	26½	28	30	40	
	45	23½	23½	24½	25½	27	27½	29½	31	45	
	50	24½	25	26	27	28	29	31	33	50	
	60	27	27½	28½	29½	30½	31½	33½	35½	60	
	70	29½	30	31	32	33	34	36	38	70	
<b>51-60</b>	25	17½	17½	18½	19½	20½	21	23	24	25	<b>51-60</b>
	30	19	20	20½	21½	22½	23½	25	27	30	
	35	20½	21	22½	23½	24	25	27	29	35	
	40	22½	23½	24	25½	26½	27	29½	31	40	
	45	23½	24½	25½	27	27½	28½	30½	33	45	
	50	25½	26	27	28	29	30	32½	34½	50	
	60	28	28½	29½	30½	32	33	35½	37½	60	
	70	30½	31	32	33	34½	35½	38	40	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 56 L-A—(Continued)

INSPECTION TABLE 56 L-A—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
61-70	25	17½	18½	19	20	21	22	23½	24½	25	61-70
	30	20	20½	21	22	23½	24	26	27	30	
	35	21½	22	23	24	25	26½	28	30	35	
	40	23½	23½	25	26	27	28½	30	32	40	
	45	24½	25½	27	27½	29	30	32	33½	45	
	50	26½	27	28	29	30	31½	33½	35½	50	
	60	29	30	30½	32	33	34½	36½	38½	60	
70	31½	32	33	34½	36	37	39½	41½	70		
71-80	25	18½	18½	19½	20½	21	22	23½	25	25	71-80
	30	20½	20½	21½	22½	23½	24½	26½	28	30	
	35	22	22½	23½	24½	26	27	29	30½	35	
	40	23½	24½	26	27	28	29	31	33	40	
	45	25½	26	27	28½	30	30½	33	35	45	
	50	27	27½	29	30	31	32½	34½	36½	50	
	60	30	30½	32	33	34	35½	38	39½	60	
70	32½	33	34	35½	37	38½	40½	42½	70		
81-90	25	18½	18½	20	20½	21½	22½	24	25½	25	81-90
	30	20½	21	22	23	24	25	27	28½	30	
	35	22½	23	24	25	26½	27½	29½	31	35	
	40	24½	25	26½	27	28½	30	32	33½	40	
	45	26	27	28	29	30	31½	33½	36	45	
	50	27½	28	29½	30½	32	33	35½	37½	50	
	60	30½	31	32½	33½	35½	36½	39	41	60	
70	33	33½	35	36½	38	39½	42	44	70		
		100	110	130	150	175	200	250	300		

# POLE LINE INSPECTION TABLE 56 L-B

## 5600 Pound Fibre Strength Light Storm Loading Area Class B Line—Toll—Open Wire Only

Equivalent or Actual Wire Load  Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load  Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
<b>1-10</b>	16	11	11	11	11	11	11	11	11	16	<b>1-10</b>
	20	11	11	11	11	11	11	11½	12½	20	
	25	11	11	11	11½	11½	12	13	13½	25	
	30	11½	11½	12	12½	13	13½	14	14½	30	
	35	13	13	13½	14	14	14½	15	16	35	
	40	14	14½	15	15	15½	16	17	17½	40	
	45	15½	15½	16	16½	17	17	17½	18½	45	
	50	16½	17	17	17½	17½	18½	19	20	50	
	60	19	19	19	19½	20	20	21	21½	60	
	70	20½	21	21	21½	22	22	23	23½	70	
<b>11-15</b>	16	11	11	11	11	11	11	11½	12	16	<b>11-15</b>
	20	11	11	11	11	11½	12	13	14	20	
	25	11	11½	12	12½	13	13½	14	15	25	
	30	12½	13	13½	14	14	14½	15½	16½	30	
	35	14	14	14	14½	15½	16	17	17½	35	
	40	15	15½	16	16½	17	17½	18½	19	40	
	45	16½	16½	17	17½	17½	18½	19½	20½	45	
	50	17½	17½	18½	18½	19	19½	20½	21	50	
	60	19½	20	20	20½	21	21½	22½	23½	60	
	70	21½	22	22	22½	23	23½	24½	25½	70	
		<b>100</b>	<b>110</b>	<b>130</b>	<b>150</b>	<b>175</b>	<b>200</b>	<b>250</b>	<b>300</b>		

INSPECTION TABLE 56 L-B—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
16-20	16	11	11	11	11	11	11½	12½	13	16	16-20
	20	11	11	11½	12	12½	13	14	15	20	
	25	12	12½	13	13½	14	14	15½	16½	25	
	30	13½	13½	14	14½	15	15½	17	17½	30	
	35	14½	14½	15	16	16½	17	18½	19	35	
	40	16	16½	17	17½	17½	18½	19½	20½	40	
	45	17	17½	17½	18½	19	19½	20½	21	45	
	50	18½	18½	19	19½	20	20½	21½	23	50	
	60	20½	20½	21	21½	22	22½	24	25½	60	
	70	22½	22½	23	23½	24	24½	26	27	70	
21-25	16	11	11	11	11	11½	12	13	14	16	21-25
	20	11½	11½	12	13	13½	14	14½	16	20	
	25	12½	13	13½	14	14½	15	16½	17½	25	
	30	14	14	14½	15½	16	16½	17½	19	30	
	35	15	15½	16	17	17½	17½	19	20½	35	
	40	16½	17	17½	18½	19	19½	20½	21½	40	
	45	17½	18½	18½	19	20	20½	21½	23	45	
	50	18½	19	19½	20½	20½	21½	23	23½	50	
	60	21	21½	22	22½	23	23½	25	26	60	
	70	23	23½	24	24½	25	26	27	28½	70	
26-30	16	11	11	11	11½	12	12½	13½	14½	16	26-30
	20	11½	12	13	13½	14	14	15½	16½	20	
	25	13	13½	14	14½	15½	16	17½	18½	25	
	30	14½	14½	15½	16	17	17½	18½	20	30	
	35	15½	16	17	17½	18½	18½	20	21	35	
	40	17½	17½	18½	19	19½	20½	21½	23	40	
	45	18½	18½	19½	20	20½	21	23	24	45	
	50	19½	20	20½	21	21½	22½	23½	25	50	
	60	21½	22	22½	23	24	24½	26	27½	60	
	70	23½	24	24½	25	26	26½	28	29½	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 56 L-B—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
21-30 31-40	20	12½	13	13½	14	14½	15½	16½	17½	20	21-30 31-40
	25	14	14	15	15½	16½	17	18½	19½	25	
	30	15½	16	16½	17½	18½	18½	20	21	30	
	35	17	17½	17½	18½	19½	20	21½	23	35	
	40	18½	18½	19½	20½	20½	21½	23½	24½	40	
	45	19½	20	20½	21	22	23	24	26	45	
	50	20½	20½	21½	22½	23½	23½	25½	27	50	
	60	22½	23	24	24½	25½	26½	28	29½	60	
70	24½	25	26	26½	27½	28½	30	31½	70		
31-30 41-50	20	13	13½	14	14½	15½	16	17½	18½	20	31-30 41-50
	25	14½	15	16	16½	17½	17½	19	20½	25	
	30	16	16½	17½	18½	19	19½	21	22½	30	
	35	17½	17½	18½	19½	20½	21	23	24	35	
	40	19	19½	20½	21	22	23	24½	26	40	
	45	20½	20½	21½	22½	23½	23½	25½	27	45	
	50	21	21½	22½	23½	24½	25½	27	29	50	
	60	23½	24	25	26	27	27½	29½	31½	60	
70	25½	26	27	28	29	30	31½	33½	70		
41-30 51-60	25	15	15½	16½	17	17½	18½	20	21	25	41-30 51-60
	30	17	17½	18½	19	19½	20½	22	23½	30	
	35	18½	18½	19½	20½	21	22	23½	25	35	
	40	20	20½	21	22	23	23½	25½	27	40	
	45	20½	21	22½	23½	24	25	27	28½	45	
	50	22	22½	23½	24½	25½	26½	28½	30	50	
	60	24½	25	26	27	28	29	31	32½	60	
	70	26½	27	28	29	30	31	33	35	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 56 L-B—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
61-70	25	15½	16	17	17½	18½	19	20½	21½	25	61-70
	30	17½	17½	18½	19½	20½	21	22½	23½	30	
	35	18½	19	20½	21	21½	23	24½	26	35	
	40	20½	20½	22	23	23½	24½	26½	27½	40	
	45	21½	22	23½	24	25	26½	28	29½	45	
	50	23	23½	24½	25½	26½	27½	29½	31	50	
	70	27½	28	29	30	31½	32½	34½	36½	70	
71-80	25	15½	16½	17	17½	18½	19½	20½	22	25	71-80
	30	17½	18½	19	20	20½	21½	23½	24½	30	
	35	19	20	20½	21½	22½	23½	25	27	35	
	40	20½	21½	22½	23½	24½	25½	27	29	40	
	45	22	23	23½	24½	26	27	29	30½	45	
	50	23½	23½	25	26½	27	28½	30	32	50	
	70	28	29	30	31	32½	33	35½	37½	70	
81-90	25	16	16½	17½	17½	18½	19½	21	22	25	81-90
	30	17½	18½	19½	20½	21	22	23½	25	30	
	35	19½	20½	21	22	23	23½	26	27	35	
	40	21	22	23	23½	25	26	28	29½	40	
	45	23	23½	24	25½	27	27½	29½	31	45	
	50	23½	24½	26	27	28	29	31	33	50	
	70	29	29½	30½	32	33	34½	36½	38½	70	
		100	110	130	150	175	200	250	300		

# POLE LINE INSPECTION TABLE 56 L-C

**5600 Pound Fibre Strength  
Light Storm Loading Area**

**Class C Line (Toll—Open Wire Only  
Exchange—Open Wire or Cable)**

Equivalent or Actual Wire Load  Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load  Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
<b>1-10</b>	16	11	11	11	11	11	11	11	11	16	<b>1-10</b>
	20	11	11	11	11	11	11	11	11	20	
	25	11	11	11	11	11	11	11½	12	25	
	30	11	11	11	11½	11½	12	13	13½	30	
	35	11½	11½	12	12½	13	13½	14	14½	35	
	40	13	13½	13½	14	14	14½	15	16	40	
	45	14	14	14	14½	15	15½	16	17	45	
	50	15	15	15½	15½	16	16½	17½	17½	50	
	60	17	17	17½	17½	18	18½	19	19½	60	
	70	19	19	19½	19½	20	20	21	21½	70	
<b>11-15</b>	16	11	11	11	11	11	11	11	11	16	<b>11-15</b>
	20	11	11	11	11	11	11	11½	12½	20	
	25	11	11	11	11	11½	12	13	14	25	
	30	11	11½	12	12½	13	13½	14	14½	30	
	35	12½	12½	13	13½	14	14	15	16	35	
	40	14	14	14	14½	15	15½	16½	17½	40	
	45	14½	15	15½	16	16½	17	17½	18½	45	
	50	15½	16	16½	17	17½	17½	18½	19½	50	
	60	18	18	18½	19	19½	19½	20½	21½	60	
	70	19½	20	20	20½	21	21½	22½	23	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 56 L-C—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences In Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
11-12 16-20	16	11	11	11	11	11	11	11	12	16	11-12 16-20
	20	11	11	11	11	11½	12	12½	13½	20	
	25	11	11	11½	12	12½	13	14	14½	25	
	30	12	12½	13	13½	14	14	15	16	30	
	35	13	13½	14	14	15	15½	16½	17½	35	
	40	14½	14½	15	15½	16½	17	17½	18½	40	
	45	15½	15½	16	17	17½	17½	18½	19½	45	
	50	16½	17	17½	17½	18½	18½	20	20½	50	
	60	18½	19	19½	19½	20½	20½	22	22½	60	
	70	20½	20½	21	21½	22	22½	23½	24½	70	
11-10 21-25	16	11	11	11	11	11	11	11½	12½	16	11-10 21-25
	20	11	11	11	11½	12	12½	13½	14	20	
	25	11½	11½	12	13	13½	14	14½	15½	25	
	30	12½	13	13½	14	14½	15	16	17½	30	
	35	14	14	14½	15	15½	16½	17½	18½	35	
	40	15	15	16	16½	17½	17½	18½	20	40	
	45	16	16½	17	17½	18½	18½	20	20½	45	
	50	17	17½	17½	18½	19	19½	20½	21½	50	
	60	19	19½	20	20½	21	21½	22½	24	60	
	70	21	21	21½	22	23	23½	24½	26	70	
26-30	16	11	11	11	11	11	11½	12	13	16	26-30
	20	11	11	11½	12	12½	13	14	15	20	
	25	12	12	13	13½	14	14	15½	16½	25	
	30	13	13½	14	14½	15	15½	17	18½	30	
	35	14	14½	15	15½	16½	17	18½	19½	35	
	40	15½	16	16½	17½	17½	18½	19½	20½	40	
	45	16½	17	17½	18½	19	19½	20½	22	45	
	50	17½	18½	18½	19	20	20½	21½	23	50	
	60	19½	20	20½	21	22	22½	23½	25	60	
	70	21½	21½	22½	23	23½	24	25½	27	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 56 L-C—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
31-40	20	11	11½	12	13	13½	14	15	16	20	31-40
	25	12½	13	14	14	14½	15½	16½	17½	25	
	30	14	14	15	15½	16½	17	18½	19½	30	
	35	15	15½	16	17	17½	18½	19½	20½	35	
	40	16½	17	17½	18½	19	20	21	22½	40	
	45	17½	17½	18½	19½	20	20½	22	23½	45	
	50	18½	19	19½	20½	21	21½	23½	24½	50	
	60	20½	21	21½	22½	23	24	25½	27	60	
70	22½	23	23½	24	25	26	27½	29	70		
41-50	20	12	12	13	13½	14	14½	15½	17	20	41-50
	25	13½	14	14	15	15½	16½	17½	18½	25	
	30	14½	15	15½	16½	17½	17½	19	20½	30	
	35	16	16½	17	17½	18½	19	20½	22	35	
	40	17½	17½	18½	19½	20	20½	22	23½	40	
	45	18½	19	19½	20½	21	21½	23½	24½	45	
	50	19½	20	20½	21	22½	23	24½	26	50	
	60	21½	22	22½	23½	24½	25	26½	28½	60	
70	23	23½	24½	25½	26	27	28½	30½	70		
51-60	25	14	14	14½	15½	16	17	18½	19½	25	51-60
	30	15	15½	16½	17½	17½	18½	20	21	30	
	35	16½	17	17½	18½	19½	20	21½	23	35	
	40	18½	18½	19½	20	20½	21½	23½	24½	40	
	45	19	19½	20½	21	22	23	24	26	45	
	50	20	20½	21½	22½	23	24	25½	27	50	
	60	22	22½	23½	24½	25½	26	28	29½	60	
	70	24	24½	25½	26½	27½	28	30	32	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 56 L-C—(Continued)

Equivalent or Actual Wire Load Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
61-70	25	14	14	15	16	17	17½	18½	19½	25	61-70
	30	15½	16	17	17½	18½	19	20½	21½	30	
	35	17	17½	18½	19	20	20½	22½	23½	35	
	40	18½	19	20	20½	21½	22½	24	25½	40	
	45	19½	20½	21	22	23	23½	25½	27	45	
	50	20½	21	22	23	24	25	27	28	50	
	60	22½	23½	24½	25½	26½	27	29	30½	60	
70	25	25½	26½	27	28½	29½	31	33	70		
71-80	25	14	14½	15½	16	17	17½	19	20	25	71-80
	30	16	16½	17½	18½	19	19½	21	22½	30	
	35	17½	17½	18½	19½	20½	21	23	24	35	
	40	19	19½	20½	21	22	23	24½	26	40	
	45	20½	20½	21½	22½	23½	24½	26½	27½	45	
	50	21	21½	23	23½	24½	26	27½	29	50	
	60	23½	24	25	26	27	28	30	31½	60	
70	25½	26½	27	28	29½	30	32	33½	70		
81-90	25	14	14½	15½	16½	17	17½	19	20½	25	81-90
	30	16	17	17½	18½	19	20	21	22½	30	
	35	17½	18½	19	20	20½	21½	23½	24½	35	
	40	19½	20	20½	21½	23	23½	25½	27	40	
	45	20½	21	22	23	24	25	27	28½	45	
	50	21½	22½	23½	24	25½	26½	28	30	50	
	60	24	24½	26	27	28	29	31	32½	60	
70	26½	27	28	29	30	31	33	35	70		
		100	110	130	150	175	200	250	300		

## POLE LINE INSPECTION TABLE 56 L-R

**5600 Pound Fibre Strength**

**Light Storm Loading Area**

**Class R Line—Exchange—Open Wire Only—**

**Maximum of 10 Wires**

Equivalent or Actual Wire Load  Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Equivalent or Actual Wire Load  Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
<b>1-4</b>	<b>16</b>	5	5	5½	5½	6	6	6½	7	<b>16</b>	<b>1-4</b>
	<b>20</b>	6½	6½	6½	7	7	7½	7½	8	<b>20</b>	
	<b>25</b>	7½	7½	7½	8	8	8	8	8½	<b>25</b>	
	<b>30</b>	8	8	8½	8½	8½	9	9	9½	<b>30</b>	
	<b>35</b>	9	9	9½	9½	9½	10	10½	10½	<b>35</b>	
	<b>40</b>	10½	10½	11	11	11	11	11	11½	<b>40</b>	
	<b>45</b>	11	11	11½	11½	11½	12	12	12½	<b>45</b>	
	<b>50</b>	12	12	12½	12½	12½	13	13	13½	<b>50</b>	
	<b>60</b>	14	14	14	14½	14½	14½	15	15	<b>60</b>	
	<b>70</b>	16	16	16	16	16	16½	16½	17	<b>70</b>	
<b>5-10</b>	<b>16</b>	6½	6½	7	7	7½	8	8	8½	<b>16</b>	<b>5-10</b>
	<b>20</b>	7½	8	8	8	8½	8½	9½	10	<b>20</b>	
	<b>25</b>	8	8½	8½	9	9½	9½	10½	11	<b>25</b>	
	<b>30</b>	9	9½	9½	10	10½	11	11	11½	<b>30</b>	
	<b>35</b>	10½	10½	11	11	11	11½	12	12½	<b>35</b>	
	<b>40</b>	11	11½	11½	12	12½	12½	13½	14	<b>40</b>	
	<b>45</b>	12	12½	12½	13	13½	13½	14	14½	<b>45</b>	
	<b>50</b>	13	13½	13½	14	14	14	15	15½	<b>50</b>	
	<b>60</b>	15	15	15	15½	16	16	16½	17	<b>60</b>	
	<b>70</b>	16½	16½	17	17	17½	17½	18	19	<b>70</b>	
		<b>100</b>	<b>110</b>	<b>130</b>	<b>150</b>	<b>175</b>	<b>200</b>	<b>250</b>	<b>300</b>		