

Conductor: Duplex "Chihuahua" Service Drop

Ruling Span:160.00 ft
Special Load Zone

Stringing Sag Table Using Initial Sag
Max Tension = 555 lb

Design: 50.0 % Ult. @ 0.0 °F, 0.50 in Ice, 4.00 lb/ft² Wind, Final

H Tens (lb)	57	51	46	43	40
Cond. Temp °F	0	32	60	90	120
Sag Span	Inches	Inches	Inches	Inches	Inches
80	11	12	13	15	16
90	14	16	17	18	20
100	17	19	21	23	24
110	21	23	25	27	29
120	25	28	30	33	35
130	29	33	35	38	41
140	34	38	41	45	48
150	39	43	47	51	55
160	44	49	54	58	62
170	50	56	61	66	70
180	56	62	68	74	79
190	62	70	76	82	88
200	69	77	84	91	98
210	76	85	93	100	108
220	83	93	102	110	118

Certain information such as the data, opinions or recommendations set forth herein or given by Southwire representatives, is intended as a general guide only. Each installation of overhead electrical conductor and/or conductor accessories involves special conditions creating problems that require individual solutions and, therefore, the recipient of this information has the sole responsibility in connection with the use of the information. Southwire does not assume any liability in connection with such information.

Conductor: Duplex "Chihuahua" Service Drop

Ruling Span:160.00 ft Stringing Sag Table Using Final Sag
 Special Load Zone Max Tension = 555 lb

Design: 50.0 % Ult. @ 0.0 °F, 0.50 in Ice, 4.00 lb/ft² Wind, Final

H Tens (lb)	47	43	40	38	36	32	347
Cond. Temp °F	0	32	60	90	120	200	32-Ice
Sag Span	Inches	Inches	Inches	Inches	Inches	Inches	Inches
80	13	14	15	16	17	20	18
90	17	18	20	21	22	25	23
100	21	23	24	26	27	31	28
110	25	27	29	31	33	37	34
120	30	33	35	37	39	44	41
130	35	38	41	44	46	52	48
140	41	44	47	50	53	61	56
150	47	51	54	58	61	70	64
160	53	58	62	66	70	79	73
170	60	65	70	74	79	89	82
180	67	73	78	83	88	100	92
190	75	82	87	93	98	112	103
200	83	91	97	103	109	124	114
210	91	100	107	114	120	137	125
220	100	110	117	125	132	150	138

Certain information such as the data, opinions or recommendations set forth herein or given by Southwire representatives, is intended as a general guide only. Each installation of overhead electrical conductor and/or conductor accessories involves special conditions creating problems that require individual solutions and, therefore, the recipient of this information has the sole responsibility in connection with the use of the information. Southwire does not assume any liability in connection with such information.

ADDER TABLE - Indicated in inches, based on final sag

Ambient Temperature (F°)

Span - ft	0 - 31	32 - 59	60 - 89	90 -119	120 >
80	7	6	5	4	3
90	8	7	5	4	3
100	10	8	7	5	4
110	12	10	8	6	4
120	14	11	9	7	5
130	17	14	11	8	6
140	20	17	14	11	8
150	23	19	16	12	9
160	26	21	17	13	9
170	29	24	19	15	10
180	33	27	22	17	12
190	37	30	25	19	14
200	41	33	27	21	15
210	46	37	30	23	17
220	50	40	33	25	18