



**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**22 AWG DOUBLE JACKET FIGURE 8**

**BHAP-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	8	624	0	5
75	500	0	9	1	5	682	0	11
100	500	1	4	2	4	739	1	6
125	500	2	1	3	5	790	2	3
150	500	3	0	4	8	837	3	2
175	500	4	1	6	1	879	4	3
200	500	5	4	7	7	917	5	6
225	500	6	8	9	3	951	6	11
250	500	8	3	11	1	981	8	6
275	500	10	0	13	0	1009	10	3
300	600	9	11	13	8	1143	10	3
325	600	11	8	15	8	1171	12	0
350	700	11	7	16	5	1299	12	0
375	700	13	4	18	5	1327	13	9
400	800	13	3	19	2	1451	13	9
425	800	14	11	21	3	1479	15	6
450	900	14	11	22	0	1600	15	7
475	1000	14	11	22	10	1716	15	9
500	1000	16	7	24	11	1745	17	4

**BHAP-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	5	0	9	636	0	6
75	500	1	0	1	7	698	1	1
100	500	1	9	2	8	754	1	10
125	500	2	8	3	11	803	2	10
150	500	3	11	5	4	846	4	0
175	500	5	3	6	11	883	5	5
200	500	6	11	8	9	915	7	1
225	500	8	9	10	9	942	8	11
250	600	9	0	11	7	1080	9	3
275	600	10	10	13	8	1107	11	1
300	700	11	1	14	6	1241	11	5
325	800	11	5	15	5	1369	11	9
350	900	11	9	16	5	1493	12	3
375	1000	12	2	17	5	1614	12	8
400	1000	13	10	19	6	1645	14	5
425	1100	14	2	20	6	1764	14	10
450	1100	15	11	22	7	1794	16	7
475	1200	16	3	23	8	1912	17	0
500	1300	16	7	24	8	2027	17	6

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**22 AWG DOUBLE JACKET FIGURE 8**

**BHAP-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUN LOADING		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	500	0	8	1	0	656	0	8
75	500	1	5	1	12	719	1	6
100	500	2	6	3	3	771	2	7
125	500	3	11	4	10	813	4	0
150	500	5	8	6	8	846	5	9
175	500	7	8	8	10	872	7	9
200	600	8	4	9	11	1015	8	6
225	700	9	0	11	1	1153	9	3
250	800	9	9	12	3	1287	10	0
275	900	10	6	13	5	1418	10	10
300	1000	11	3	14	8	1546	11	8
325	1100	12	0	15	11	1672	12	5
350	1200	12	9	17	2	1796	13	3
375	1300	13	6	18	6	1919	14	2
400	1400	14	3	19	9	2040	15	0
425	1500	15	1	21	1	2160	15	10
450	1600	15	10	22	5	2278	16	9

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**22 AWG SINGLE JACKET FIGURE 8**

**BHAS-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	7	607	0	4
75	500	0	6	1	2	658	0	8
100	500	0	10	2	0	710	1	1
125	500	1	4	2	11	762	1	7
150	500	1	11	3	11	810	2	2
175	500	2	7	5	1	856	2	11
200	500	3	5	6	3	899	3	9
225	500	4	4	7	7	939	4	8
250	500	5	4	9	0	977	5	8
275	500	6	5	10	6	1012	6	9
300	500	7	8	12	2	1046	8	0
325	500	9	0	13	10	1077	9	4
350	500	10	5	15	7	1106	10	10
375	500	11	11	17	6	1133	12	4
400	600	11	4	17	11	1258	11	11
425	600	12	10	19	10	1286	13	4
450	700	12	4	20	4	1403	13	0
475	700	13	8	22	3	1432	14	5
500	800	13	3	22	10	1545	14	2

**BHAS-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	8	620	0	5
75	500	0	8	1	5	677	0	10
100	500	1	2	2	3	733	1	5
125	500	1	11	3	4	785	2	1
150	500	2	8	4	6	833	2	11
175	500	3	8	5	9	877	3	11
200	500	4	10	7	3	916	5	0
225	500	6	1	8	10	952	6	4
250	500	7	6	10	6	985	7	9
275	500	9	1	12	4	1015	9	4
300	500	10	10	14	4	1041	11	1
325	600	10	7	14	11	1174	10	11
350	600	12	3	16	11	1202	12	7
375	700	12	1	17	6	1329	12	6
400	700	13	9	19	6	1357	14	2
425	800	13	7	20	3	1479	14	2
450	800	15	2	22	3	1507	15	10
475	900	15	0	23	0	1625	15	9
500	900	16	8	25	0	1653	17	5

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**22 AWG SINGLE JACKET FIGURE 8**

**BHAS-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	6	0	10	642	0	7
75	500	1	1	1	8	705	1	2
100	500	1	11	2	9	762	2	0
125	500	2	11	4	1	811	3	1
150	500	4	3	5	7	853	4	4
175	500	5	9	7	4	888	5	11
200	500	7	6	9	3	918	7	8
225	600	7	11	10	2	1056	8	1
250	600	9	9	12	3	1085	10	0
275	700	10	2	13	2	1220	10	5
300	800	10	7	14	2	1349	10	11
325	800	12	5	16	3	1379	12	9
350	900	12	9	17	3	1506	13	2
375	1000	13	2	18	4	1630	13	9
400	1100	13	8	19	5	1750	14	3
425	1200	14	1	20	6	1869	14	10
450	1300	14	7	21	8	1986	15	5
475	1300	16	3	23	9	2018	17	2
500	1400	16	9	24	11	2134	17	9

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**24 AWG DOUBLE JACKET FIGURE 8**

**BKMP-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	8	619	0	5
75	500	0	8	1	4	676	0	10
100	500	1	2	2	3	732	1	4
125	500	1	9	3	3	785	2	0
150	500	2	6	4	5	835	2	9
175	500	3	5	5	8	880	3	8
200	500	4	6	7	1	921	4	9
225	500	5	8	8	7	958	5	11
250	500	7	0	10	3	993	7	4
275	500	8	6	12	0	1024	8	9
300	500	10	2	13	11	1053	10	5
325	600	9	11	14	6	1183	10	3
350	600	11	6	16	5	1213	11	11
375	700	11	4	17	1	1337	11	10
400	700	12	10	19	0	1367	13	5
425	800	12	8	19	9	1486	13	4
450	800	14	3	21	8	1516	14	11
475	900	14	1	22	5	1632	14	11
500	900	15	8	24	5	1662	16	5

**BKMP-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	9	628	0	6
75	500	0	10	1	6	688	0	11
100	500	1	5	2	5	746	1	7
125	500	2	3	3	7	798	2	5
150	500	3	2	4	10	844	3	5
175	500	4	4	6	3	886	4	7
200	500	5	8	7	11	922	5	11
225	500	7	3	9	8	955	7	5
250	500	8	11	11	7	984	9	1
275	600	9	0	12	4	1118	9	3
300	600	10	8	14	3	1147	11	0
325	700	10	9	15	1	1277	11	2
350	700	12	6	17	1	1306	12	10
375	800	12	6	17	10	1431	13	0
400	800	14	3	19	11	1460	14	9
425	900	14	4	20	9	1582	14	11
450	1000	14	5	21	8	1700	15	2
475	1000	16	1	23	9	1729	16	10
500	1100	16	2	24	8	1845	17	1

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**24 AWG DOUBLE JACKET FIGURE 8**

**BKMP-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	6	0	10	642	0	7
75	500	1	1	1	9	705	1	2
100	500	1	11	2	10	761	2	1
125	500	3	1	4	2	809	3	2
150	500	4	5	5	9	849	4	6
175	500	6	0	7	6	883	6	1
200	500	7	10	9	6	911	7	11
225	600	8	3	10	5	1050	8	5
250	700	8	8	11	5	1183	9	0
275	700	10	6	13	5	1213	10	10
300	800	11	0	14	5	1343	11	4
325	900	11	5	15	6	1470	11	10
350	1000	11	11	16	7	1593	12	5
375	1100	12	6	17	8	1714	13	1
400	1100	14	2	19	9	1746	14	9
425	1200	14	8	20	11	1866	15	5
450	1300	15	2	22	0	1983	16	0
475	1400	15	9	23	2	2099	16	8
500	1500	16	3	24	4	2214	17	3

**BKMP-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	9	1	1	660	0	10
75	500	1	8	2	2	720	1	9
100	500	2	11	3	7	767	3	0
125	500	4	7	5	4	803	4	8
150	500	6	7	7	6	829	6	8
175	600	7	6	8	8	972	7	7
200	700	8	4	9	11	1110	8	6
225	800	9	3	11	2	1245	9	6
250	900	10	2	12	6	1377	10	5
275	1000	11	1	13	10	1507	11	5
300	1100	12	0	15	2	1635	12	4
325	1200	12	10	16	6	1762	13	4
350	1400	12	10	17	1	1977	13	5
375	1500	13	9	18	6	2099	14	4
400	1600	14	8	19	10	2220	15	4

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**24 AWG SINGLE JACKET FIGURE 8**

**BKMS-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	2	0	7	602	0	4
75	500	0	5	1	2	650	0	8
100	500	0	9	1	11	701	1	0
125	500	1	2	2	9	751	1	5
150	500	1	8	3	9	799	1	11
175	500	2	3	4	9	845	2	7
200	500	2	11	5	11	888	3	3
225	500	3	8	7	2	929	4	1
250	500	4	6	8	6	969	4	11
275	500	5	6	9	11	1006	5	11
300	500	6	6	11	5	1041	7	0
325	500	7	8	13	0	1074	8	1
350	500	8	11	14	8	1105	9	4
375	500	10	2	16	4	1135	10	8
400	500	11	7	18	2	1163	12	1
425	500	13	1	20	0	1190	13	7
450	500	14	8	22	0	1216	15	2
475	600	13	8	22	3	1339	14	4
500	600	15	1	24	2	1366	15	10

**BKMS-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	7	611	0	5
75	500	0	6	1	3	664	0	9
100	500	0	11	2	1	718	1	2
125	500	1	6	3	0	770	1	9
150	500	2	2	4	1	819	2	5
175	500	2	11	5	3	865	3	2
200	500	3	10	6	7	907	4	1
225	500	4	10	7	11	946	5	1
250	500	5	11	9	5	983	6	3
275	500	7	2	11	1	1017	7	6
300	500	8	7	12	9	1048	8	11
325	500	10	0	14	7	1078	10	5
350	500	11	8	16	6	1105	12	0
375	500	13	4	18	6	1131	13	9
400	600	12	8	18	10	1261	13	2
425	600	14	4	20	10	1288	14	10
450	700	13	9	21	4	1410	14	5
475	700	15	4	23	4	1438	16	0
500	800	14	10	23	11	1555	15	8

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**24 AWG SINGLE JACKET FIGURE 8**

**BKMS-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	9	626	0	6
75	500	0	9	1	6	686	0	11
100	500	1	5	2	5	743	1	7
125	500	2	2	3	6	794	2	4
150	500	3	2	4	10	841	3	4
175	500	4	3	6	3	882	4	6
200	500	5	7	7	10	919	5	10
225	500	7	1	9	6	952	7	4
250	500	8	9	11	5	981	9	0
275	500	10	7	13	5	1007	10	10
300	600	10	6	14	1	1143	10	10
325	700	10	7	14	10	1272	10	11
350	700	12	3	16	10	1301	12	8
375	800	12	4	17	8	1425	12	10
400	800	14	0	19	8	1454	14	6
425	900	14	1	20	6	1575	14	8
450	1000	14	2	21	5	1693	14	11
475	1000	15	10	23	6	1722	16	7
500	1100	15	11	24	4	1837	16	9

**BKMS-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	7	0	11	644	0	8
75	500	1	3	1	10	705	1	4
100	500	2	2	3	0	757	2	4
125	500	3	5	4	5	800	3	7
150	500	4	11	6	1	835	5	1
175	500	6	9	8	0	864	6	10
200	600	7	4	9	1	1002	7	6
225	700	7	11	10	1	1136	8	2
250	700	9	10	12	2	1165	10	1
275	800	10	5	13	3	1296	10	8
300	900	11	0	14	4	1423	11	4
325	1000	11	7	15	6	1548	12	1
350	1100	12	3	16	8	1671	12	9
375	1100	14	1	18	9	1701	14	7
400	1200	14	8	19	11	1822	15	3
425	1300	15	3	21	1	1941	16	0
450	1400	15	11	22	4	2059	16	9
475	1500	16	7	23	6	2176	17	5
500	1600	17	2	24	9	2291	18	2

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**26 AWG DOUBLE JACKET FIGURE 8**

**BKTP-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	7	614	0	5
75	500	0	7	1	3	669	0	9
100	500	1	0	2	1	724	1	2
125	500	1	7	3	1	777	1	9
150	500	2	3	4	2	826	2	6
175	500	3	1	5	5	872	3	4
200	500	4	0	6	9	914	4	3
225	500	5	1	8	2	953	5	4
250	500	6	3	9	8	990	6	7
275	500	7	7	11	4	1023	7	11
300	500	9	0	13	1	1054	9	4
325	500	10	7	14	11	1083	10	11
350	500	12	3	16	11	1109	12	7
375	600	11	9	17	5	1240	12	2
400	600	13	4	19	4	1268	13	10
425	700	12	11	19	11	1391	13	6
450	700	14	6	21	11	1419	15	1
475	800	14	1	22	6	1537	14	10
500	800	15	8	24	6	1566	16	5

**BKTP-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	8	621	0	5
75	500	0	8	1	5	679	0	10
100	500	1	2	2	3	736	1	5
125	500	1	11	3	4	789	2	1
150	500	2	8	4	6	837	2	11
175	500	3	8	5	10	882	3	11
200	500	4	10	7	3	922	5	0
225	500	6	1	8	10	958	6	4
250	500	7	6	10	7	991	7	9
275	500	9	1	12	5	1021	9	4
300	500	10	10	14	4	1049	11	1
325	600	10	7	14	11	1182	10	11
350	600	12	3	16	11	1210	12	7
375	700	12	1	17	7	1337	12	6
400	700	13	9	19	7	1366	14	2
425	800	13	7	20	4	1488	14	2
450	800	15	2	22	4	1516	15	10
475	900	15	0	23	1	1635	15	9
500	1000	15	0	23	11	1749	15	11

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**26 AWG DOUBLE JACKET FIGURE 8**

**BKTP-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	5	0	9	634	0	6
75	500	0	10	1	7	697	1	0
100	500	1	7	2	7	755	1	8
125	500	2	5	3	9	807	2	7
150	500	3	6	5	1	854	3	8
175	500	4	9	6	7	894	4	11
200	500	6	2	8	3	930	6	5
225	500	7	10	10	2	961	8	0
250	500	9	8	12	2	988	9	11
275	500	11	9	14	5	1012	11	11
300	600	11	8	15	0	1154	11	11
325	700	11	8	15	10	1288	12	1
350	800	11	10	16	8	1415	12	4
375	800	13	7	18	9	1444	14	1
400	900	13	9	19	8	1568	14	4
425	1000	14	0	20	7	1688	14	8
450	1100	14	3	21	7	1806	15	1
475	1100	15	11	23	8	1837	16	8
500	1200	16	2	24	8	1952	17	1

**BKTP-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	7	0	11	649	0	8
75	500	1	3	1	10	712	1	4
100	500	2	2	3	0	767	2	4
125	500	3	5	4	6	811	3	7
150	500	4	11	6	2	848	5	1
175	500	6	9	8	1	878	6	10
200	600	7	4	9	1	1018	7	6
225	700	7	11	10	2	1153	8	2
250	700	9	10	12	3	1183	10	1
275	800	10	5	13	4	1315	10	8
300	900	11	0	14	6	1444	11	4
325	1000	11	7	15	7	1570	12	1
350	1100	12	3	16	10	1693	12	9
375	1200	12	11	18	0	1815	13	6
400	1300	13	6	19	2	1934	14	3
425	1400	14	2	20	5	2053	15	0
450	1400	15	11	22	7	2085	16	9
475	1500	16	7	23	9	2203	17	6
500	1600	17	2	25	0	2319	18	3

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**26 AWG SINGLE JACKET FIGURE 8**

**BKTS-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	2	0	6	598	0	4
75	500	0	4	1	1	643	0	7
100	500	0	8	1	10	692	0	11
125	500	1	0	2	8	740	1	4
150	500	1	6	3	7	787	1	10
175	500	2	0	4	7	832	2	4
200	500	2	7	5	9	875	3	0
225	500	3	3	6	11	916	3	8
250	500	4	1	8	2	956	4	6
275	500	4	11	9	6	993	5	4
300	500	5	10	10	11	1028	6	4
325	500	6	10	12	5	1062	7	4
350	500	8	0	14	0	1095	8	6
375	500	9	2	15	8	1125	9	8
400	500	10	5	17	4	1155	10	11
425	500	11	9	19	1	1183	12	4
450	500	13	2	20	11	1209	13	9
475	500	14	8	22	10	1235	15	3
500	500	16	3	24	10	1259	16	10

**BKTS-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	2	0	7	604	0	4
75	500	0	5	1	2	653	0	8
100	500	0	9	1	11	705	1	0
125	500	1	3	2	10	755	1	6
150	500	1	9	3	10	804	2	1
175	500	2	4	4	11	850	2	8
200	500	3	1	6	1	893	3	5
225	500	3	11	7	4	934	4	3
250	500	4	10	8	9	973	5	3
275	500	5	10	10	2	1009	6	3
300	500	7	0	11	8	1044	7	5
325	500	8	2	13	4	1076	8	7
350	500	9	6	15	0	1107	9	11
375	500	10	11	16	10	1135	11	4
400	500	12	5	18	8	1163	12	10
425	600	11	8	19	1	1285	12	3
450	600	13	1	20	11	1313	13	8
475	600	14	7	22	10	1340	15	2
500	600	16	2	24	10	1366	16	10

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).

**SAG AND TENSION TABLES FOR MEDIUM LOADING AREAS**

**26 AWG SINGLE JACKET FIGURE 8**

**BKTS-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	8	615	0	5
75	500	0	7	1	4	670	0	9
100	500	1	1	2	2	725	1	3
125	500	1	8	3	2	777	1	11
150	500	2	5	4	3	825	2	8
175	500	3	4	5	6	870	3	6
200	500	4	4	6	10	911	4	7
225	500	5	5	8	4	948	5	9
250	500	6	9	9	11	983	7	0
275	500	8	2	11	8	1014	8	5
300	500	9	8	13	6	1043	9	12
325	500	11	4	15	5	1070	11	8
350	600	11	0	16	0	1201	11	5
375	600	12	7	17	11	1229	13	0
400	700	12	3	18	6	1352	12	10
425	700	13	10	20	6	1381	14	5
450	800	13	7	21	2	1500	14	3
475	900	13	6	21	11	1613	14	4
500	900	14	11	23	10	1643	15	9

**BKTS-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER MEDIUM LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	5	0	9	630	0	6
75	500	0	11	1	7	690	1	0
100	500	1	7	2	7	745	1	9
125	500	2	6	3	9	794	2	8
150	500	3	7	5	1	838	3	9
175	500	4	11	6	8	876	5	1
200	500	6	5	8	4	908	6	7
225	500	8	1	10	3	937	8	3
250	500	10	0	12	4	962	10	2
275	600	10	1	13	0	1100	10	4
300	700	10	3	13	10	1231	10	7
325	700	12	1	15	11	1259	12	5
350	800	12	3	16	9	1385	12	8
375	900	12	6	17	8	1508	13	0
400	900	14	3	19	9	1537	14	9
425	1000	14	5	20	8	1657	15	1
450	1100	14	9	21	7	1774	15	6
475	1100	16	5	23	8	1803	17	2
500	1200	16	8	24	8	1919	17	7

NOTES: Medium ice loading is defined under NESC Rules 250 and 251 as 0.25 inch radial thickness of ice and 4 PSF horizontal wind pressure at 15° Fahrenheit. Stringing tensions are at 60° (F).