



**SAG AND TENSION TABLES FOR MEDIUM ICE LOADING
PE-38 0.4" DIAMETER FIGURE 8 CABLE**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	4	0	10	352	0	5
75	200	0	9	1	7	408	0	10
100	200	1	5	2	5	457	1	6
125	200	2	2	3	6	498	2	3
150	200	3	1	4	9	534	3	3
175	200	4	3	6	1	565	4	4
200	200	5	6	7	7	591	5	8
225	200	7	0	9	3	615	7	1
250	200	8	7	11	1	635	8	9
275	250	8	4	11	7	732	8	6
300	250	9	11	13	5	754	10	1
325	250	11	7	15	4	773	11	10
350	300	11	3	15	11	866	11	6
375	300	12	11	17	10	886	13	2
400	350	12	7	18	5	973	12	11
425	400	12	5	19	3	1052	12	11
450	400	13	11	21	1	1075	14	5
475	400	15	6	23	1	1098	16	0
500	450	15	3	23	10	1175	15	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 ICE LOADING
PE-38 0.5" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	5	0	10	359	0	6
75	200	0	11	1	8	415	1	0
100	200	1	8	2	8	461	1	9
125	200	2	8	3	10	499	2	9
150	200	3	10	5	2	531	3	11
175	200	5	2	6	9	557	5	3
200	200	6	9	8	6	579	6	10
225	200	8	7	10	5	597	8	8
250	250	8	5	11	0	698	8	7
275	250	10	3	12	11	718	10	4
300	300	10	2	13	7	811	10	4
325	300	11	11	15	7	832	12	1
350	350	11	10	16	4	921	12	1
375	350	13	7	18	4	942	13	10
400	400	13	6	19	2	1026	13	11
425	500	12	2	19	2	1157	12	9
450	500	13	8	21	0	1183	14	2
475	500	15	3	22	11	1207	15	9
500	600	14	1	23	1	1327	14	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 ICE LOADING
PE-38 0.6" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	6	0	11	366	0	6
75	200	1	1	1	9	421	1	2
100	200	1	11	2	10	466	2	0
125	200	3	0	4	2	501	3	1
150	200	4	4	5	7	530	4	5
175	200	5	11	7	4	553	6	0
200	200	7	9	9	3	572	7	10
225	250	7	10	10	0	673	8	0
250	250	9	8	11	11	692	9	10
275	300	9	9	12	9	788	9	11
300	300	11	8	14	9	808	11	10
325	350	11	8	15	7	899	11	11
350	400	11	10	16	6	984	12	2
375	450	12	1	17	6	1066	12	6
400	500	12	5	18	6	1144	12	10
425	500	14	0	20	5	1169	14	6
450	550	14	3	21	6	1245	14	10
475	600	14	7	22	8	1319	15	2
500	600	16	2	24	7	1344	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 ICE LOADING
PE-38 0.7" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	8	1	0	369	0	8
75	200	1	5	2	0	420	1	5
100	200	2	6	3	3	457	2	7
125	200	3	11	4	9	484	4	0
150	200	5	8	6	7	504	5	8
175	250	6	2	7	6	602	6	3
200	300	6	8	8	6	694	6	10
225	300	8	5	10	5	716	8	7
250	350	8	11	11	5	806	9	1
275	400	9	5	12	6	892	9	8
300	400	11	3	14	6	914	11	6
325	500	10	7	14	9	1054	10	11
350	500	12	3	16	9	1079	12	7
375	550	12	9	17	11	1158	13	2
400	600	13	4	19	1	1235	13	9
425	650	13	11	20	4	1310	14	5
450	700	14	6	21	7	1384	15	1
475	800	14	1	22	2	1500	14	10
500	800	15	8	24	1	1528	16	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 ICE LOADING
PE-38 0.8" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	9	1	1	372	0	9
75	200	1	8	2	2	417	1	9
100	200	3	0	3	7	448	3	1
125	200	4	8	5	4	469	4	9
150	250	5	5	6	5	566	5	6
175	250	7	4	8	5	584	7	5
200	300	8	0	9	6	679	8	1
225	350	8	8	10	7	769	8	10
250	400	9	5	11	9	856	9	7
275	450	10	1	13	0	940	10	4
300	500	10	10	14	2	1022	11	1
325	550	11	6	15	5	1102	11	10
350	600	12	3	16	9	1181	12	7
375	650	13	0	18	0	1258	13	5
400	700	13	9	19	4	1334	14	2
425	800	13	7	20	0	1455	14	2
450	800	15	2	22	0	1482	15	10
475	900	15	0	22	9	1599	15	9
500	1000	15	0	23	6	1713	15	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 ICE LOADING
PE-38 0.9" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	11	1	2	372	0	11
75	200	2	0	2	5	412	2	0
100	200	3	6	4	0	438	3	6
125	250	4	5	5	2	533	4	5
150	250	6	4	7	2	552	6	4
175	300	7	2	8	4	645	7	3
200	350	8	0	9	6	736	8	1
225	400	8	10	10	9	823	9	0
250	450	9	9	12	1	908	9	11
275	500	10	7	13	4	992	10	10
300	550	11	5	14	8	1073	11	9
325	600	12	4	16	1	1153	12	8
350	700	12	3	16	9	1283	12	8
400	800	14	0	19	7	1435	14	6
450	1000	14	2	21	3	1672	14	11
500	1100	15	11	24	2	1815	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 ICE LOADING
PE-38 1.0" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	1	0	1	3	373	1	0
75	200	2	3	2	7	409	2	3
100	200	3	11	4	5	430	4	0
125	250	4	11	5	7	526	5	0
150	300	5	11	6	10	618	6	0
175	350	6	11	8	2	708	7	0
200	400	7	11	9	6	796	8	0
225	500	8	0	10	2	940	8	2
250	500	9	10	12	2	965	10	0
275	600	9	11	12	11	1103	10	2
300	700	10	2	13	9	1233	10	6
325	700	11	11	15	9	1261	12	3
350	800	12	1	16	8	1388	12	6
375	900	12	4	17	7	1510	12	10
400	1000	12	7	18	6	1628	13	3
425	1000	14	3	20	6	1659	14	10
450	1100	14	6	21	6	1775	15	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 ICE LOADING
PE-38 1.1" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	1	2	1	5	367	1	3
75	200	2	8	3	0	395	2	8
100	250	3	10	4	3	488	3	10
125	300	4	11	5	7	578	5	0
150	350	6	1	7	0	667	6	2
175	400	7	3	8	5	753	7	4
200	500	7	7	9	3	899	7	9
225	550	8	9	10	9	982	8	11
250	600	9	11	12	3	1064	10	1
275	700	10	3	13	2	1197	10	6
300	800	10	8	14	1	1326	11	0
325	900	11	2	15	2	1451	11	7
350	900	12	11	17	3	1480	13	4
375	1000	13	4	18	3	1603	13	11
400	1100	13	10	19	4	1723	14	5
425	1100	15	7	21	5	1753	16	3

SAG AND TENSION TABLES FOR MEDIUM ICE LOADING
PE-38 1.2" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	1	5	1	7	359	1	5
75	200	3	2	3	5	379	3	3
100	300	3	10	4	3	540	3	10
125	400	4	5	5	3	689	4	6
150	400	6	5	7	3	713	6	6
175	500	7	0	8	3	859	7	1
200	600	7	7	9	3	997	7	9
225	650	8	10	10	10	1079	9	1
250	700	10	2	12	5	1159	10	5
275	800	10	9	13	6	1291	11	0
300	900	11	5	14	7	1419	11	9
325	1000	12	0	15	9	1544	12	5
350	1100	12	8	16	11	1667	13	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 ICE LOADING
PE-38 1.3" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	1	7	1	9	356	1	7
75	250	2	10	3	1	447	2	10
100	300	4	2	4	7	535	4	2
125	400	4	11	5	7	687	4	11
150	500	5	8	6	8	831	5	9
175	550	7	0	8	3	914	7	1
200	600	8	4	9	10	997	8	6
225	700	9	0	11	0	1133	9	3
250	800	9	9	12	2	1266	10	0
275	900	10	6	13	4	1395	10	10
300	1000	11	3	14	6	1522	11	8
325	1100	12	0	15	9	1647	12	5
350	1100	13	11	17	11	1677	14	5

SAG AND TENSION TABLES FOR MEDIUM ICE LOADING
PE-38 1.4" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	1	11	2	0	343	1	11
75	250	3	5	3	7	429	3	5
100	350	4	3	4	8	583	4	4
125	500	4	8	5	5	789	4	9
150	600	5	8	6	8	928	5	9
175	600	7	8	8	9	954	7	9
200	750	8	0	9	7	1145	8	2
225	850	8	11	10	10	1277	9	2
250	950	9	10	12	2	1407	10	2
275	1100	10	4	13	1	1582	10	8
300	1100	12	3	15	3	1613	12	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 ICE LOADING
PE-38 1.5" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	2	0	2	2	339	2	1
75	300	3	1	3	4	495	3	1
100	400	4	1	4	6	643	4	1
125	500	5	1	5	9	788	5	2
150	600	6	1	7	1	928	6	2
175	700	7	1	8	4	1065	7	3
200	800	8	2	9	8	1199	8	4
225	900	9	2	11	1	1332	9	4
250	1000	10	2	12	5	1462	10	5
275	1100	11	2	13	10	1590	11	6

SAG AND TENSION TABLES FOR MEDIUM ICE LOADING
PE-38 1.6" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	2	4	2	5	328	2	4
75	300	3	6	3	9	482	3	6
100	450	4	2	4	7	692	4	3
125	550	5	4	6	0	834	5	5
150	700	6	0	7	0	1027	6	2
175	800	7	2	8	5	1162	7	4
200	900	8	4	9	10	1295	8	6
225	1000	9	6	11	4	1427	9	9
250	1100	10	8	12	10	1556	10	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 ICE LOADING
PE-38 1.7" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	250	2	1	2	2	393	2	1
75	350	3	4	3	7	542	3	4
100	500	4	2	4	7	746	4	2
125	600	5	4	6	0	887	5	5
150	750	6	2	7	2	1078	6	4
175	900	7	0	8	3	1264	7	2
200	1000	8	3	9	9	1397	8	6
225	1100	9	6	11	4	1528	9	9

SAG AND TENSION TABLES FOR MEDIUM ICE LOADING
PE-38 1.8" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	250	2	3	2	4	388	2	3
75	400	3	2	3	5	599	3	2
100	500	4	6	4	11	742	4	7
125	650	5	5	6	1	939	5	6
150	800	6	4	7	3	1130	6	5
175	900	7	8	8	10	1265	7	10
200	1100	8	2	9	9	1498	8	5

SAG AND TENSION TABLES FOR MEDIUM ICE LOADING
PE-38 1.9" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER MEDIUM LOADING		EXPECTED TENSION UNDER LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	300	2	5	2	6	432	2	5
75	600	2	8	3	0	804	2	9
100	800	3	7	4	1	1045	3	8
125	900	5	0	5	8	1182	5	1
150	1000	6	6	7	4	1316	6	7
175	1100	8	0	9	1	1448	8	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).