



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

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	4	1	0	456	0	5
75	200	0	9	1	11	547	0	11
100	200	1	5	3	0	626	1	6
125	200	2	2	4	3	695	2	4
150	250	2	6	5	3	802	2	8
175	250	3	4	6	8	863	3	7
200	250	4	5	8	2	919	4	8
225	300	4	8	9	4	1020	5	0
250	300	5	9	11	0	1072	6	1
275	350	5	11	12	2	1169	6	5
300	400	6	2	13	5	1262	6	9
325	400	7	3	15	2	1312	7	10
350	450	7	6	16	6	1401	8	2
375	500	7	9	17	10	1488	8	6
400	550	8	0	19	2	1572	8	11
425	600	8	3	20	7	1655	9	4
450	600	9	3	22	5	1702	10	5
475	650	9	7	23	10	1783	10	9
500	750	9	2	24	10	1895	10	8

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 0.5" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	200	0	5	1	1	466	0	6
75	200	0	11	2	1	558	1	1
100	200	1	8	3	2	634	1	10
125	200	2	8	4	6	700	2	9
150	250	3	0	5	7	813	3	3
175	250	4	2	7	2	870	4	4
200	250	5	5	8	10	921	5	7
225	300	5	8	10	0	1029	6	0
250	350	6	0	11	2	1131	6	5
275	400	6	5	12	6	1229	6	10
300	450	6	9	13	9	1323	7	3
325	500	7	2	15	2	1415	7	9
350	550	7	6	16	6	1504	8	3
375	600	7	11	17	11	1591	8	9
400	675	8	0	19	2	1694	9	0
425	750	8	2	20	5	1794	9	4
450	825	8	3	21	8	1892	9	7
475	900	8	6	23	0	1989	10	0
500	1000	8	5	24	2	2099	10	2

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 0.6" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	200	0	6	1	2	476	0	7
75	200	1	1	2	2	567	1	2
100	200	1	11	3	4	643	2	0
125	200	3	0	4	9	705	3	2
150	250	3	6	5	11	822	3	8
175	250	4	9	7	6	877	4	11
200	250	6	2	9	4	925	6	5
225	300	6	6	10	6	1039	6	9
250	350	6	11	11	9	1145	7	3
275	400	7	4	13	1	1247	7	9
300	450	7	9	14	5	1345	8	3
325	500	8	2	15	10	1440	8	9
350	550	8	8	17	3	1533	9	3
375	600	9	1	18	8	1623	9	10
400	675	9	2	19	11	1730	10	1
425	750	9	4	21	3	1834	10	5
450	825	9	6	22	7	1936	10	9
475	900	9	9	23	11	2035	11	1
500	1000	9	8	25	1	2149	11	3

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 0.7" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	200	0	8	1	3	483	0	8
75	200	1	5	2	4	569	1	6
100	200	2	6	3	8	635	2	7
125	200	3	11	5	4	687	4	0
150	250	4	6	6	6	810	4	8
175	250	6	2	8	5	855	6	3
200	300	6	8	9	8	973	6	10
225	350	7	3	10	11	1085	7	6
250	400	7	10	12	4	1191	8	1
275	450	8	5	13	8	1294	8	9
300	550	8	2	14	8	1441	8	8
325	600	8	10	16	1	1536	9	4
350	650	9	5	17	8	1629	10	1
375	750	9	5	18	9	1760	10	2
400	800	10	0	20	4	1849	10	11
425	900	10	0	21	6	1973	11	1
450	1000	10	2	22	8	2093	11	4
475	1100	10	3	23	11	2212	11	8
500	1100	11	4	25	11	2262	12	10

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 0.8" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	200	0	9	1	4	488	0	10
75	200	1	8	2	6	568	1	9
100	200	3	0	4	0	626	3	1
125	200	4	8	5	11	670	4	9
150	250	5	5	7	1	797	5	6
175	300	6	2	8	5	916	6	3
200	350	6	10	9	10	1030	7	1
225	400	7	7	11	2	1139	7	10
250	450	8	4	12	8	1245	8	7
275	550	8	3	13	8	1399	8	8
300	600	9	0	15	2	1498	9	5
325	700	9	1	16	3	1637	9	8
350	800	9	2	17	5	1771	9	11
375	900	9	5	18	8	1900	10	3
400	1000	9	7	19	11	2026	10	7
425	1100	9	10	21	2	2150	11	0

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 0.9" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	250	0	8	1	3	535	0	9
75	300	1	4	2	3	670	1	5
100	400	1	9	3	3	836	1	11
125	400	2	9	4	7	912	2	11
150	500	3	2	5	8	1068	3	5
175	500	4	3	7	3	1135	4	6
200	600	4	8	8	5	1283	5	0
225	700	5	1	9	7	1426	5	6
250	800	5	6	10	9	1564	6	0
275	800	6	7	12	7	1626	7	2
300	900	7	0	13	10	1760	7	8
325	900	8	3	15	8	1818	8	11
350	1000	8	7	17	0	1949	9	5
375	1100	8	11	18	3	2078	9	11

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 1.0" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	250	0	9	1	4	542	0	10
75	300	1	6	2	5	677	1	7
100	400	2	0	3	5	847	2	1
125	400	3	1	4	10	921	3	3
150	500	3	7	6	0	1081	3	9
175	500	4	10	7	8	1147	5	1
200	600	5	3	8	10	1299	5	7
225	700	5	8	10	0	1446	6	1
250	800	6	2	11	3	1588	6	8
275	800	7	5	13	2	1649	7	11
300	900	7	11	14	5	1787	8	6
325	1000	8	4	15	9	1922	9	1
350	1100	8	9	17	1	2054	9	8

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 1.1" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	250	0	11	1	5	543	1	0
75	300	1	9	2	7	676	1	10
100	400	2	5	3	8	851	2	6
125	400	3	9	5	3	919	3	10
150	500	4	3	6	5	1084	4	5
175	500	5	10	8	4	1144	6	0
200	600	6	4	9	6	1303	6	7
225	700	6	10	10	10	1455	7	2
250	800	7	5	12	1	1603	7	10
275	900	8	0	13	5	1746	8	6
300	1000	8	7	14	10	1886	9	2
325	1100	9	1	16	2	2023	9	10

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

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

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	250	1	2	1	7	541	1	2
75	300	2	2	2	10	670	2	2
100	400	2	10	4	0	849	2	11
125	400	4	5	5	9	908	4	7
150	500	5	1	7	0	1079	5	3
175	600	5	10	8	4	1242	6	0
200	700	6	6	9	7	1399	6	9
225	800	7	2	11	0	1551	7	6
250	950	7	6	12	1	1741	7	11
275	1100	7	10	13	3	1924	8	5

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 1.3" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	250	1	3	1	8	542	1	3
75	300	2	4	3	0	670	2	5
100	400	3	2	4	2	851	3	3
125	500	3	11	5	5	1023	4	0
150	600	4	8	6	9	1188	4	10
175	700	5	6	8	1	1348	5	8
200	800	6	3	9	6	1502	6	7
225	900	7	0	10	11	1654	7	5
250	1000	7	10	12	4	1802	8	3
275	1100	8	7	13	10	1947	9	1

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

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

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	300	1	3	1	8	591	1	3
75	400	2	1	2	10	775	2	2
100	500	3	0	4	1	950	3	1
125	600	3	11	5	5	1118	4	1
150	700	4	10	6	10	1282	5	0
175	800	5	9	8	3	1441	6	0
200	900	6	8	9	9	1596	7	0
225	1100	6	11	10	8	1833	7	4
250	1100	8	6	12	9	1897	8	11

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 1.5" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	300	1	4	1	9	592	1	5
75	400	2	3	2	11	777	2	4
100	500	3	3	4	3	954	3	4
125	600	4	3	5	8	1124	4	4
150	800	4	7	6	8	1384	4	9
175	900	5	6	8	1	1543	5	9
200	1000	6	6	9	7	1698	6	10
225	1100	7	6	11	2	1851	7	10

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

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	300	1	7	1	11	585	1	7
75	400	2	8	3	3	770	2	8
100	600	3	2	4	2	1053	3	3
125	700	4	2	5	8	1222	4	4
150	900	4	8	6	8	1479	4	11
175	1000	5	9	8	3	1639	6	0
200	1100	6	10	9	10	1795	7	2

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).

SAG AND TENSION TABLES FOR HEAVY ICE LOADING
PE-38 1.7" DIAMETER FIGURE 8 CABLE

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	300	1	9	2	0	581	1	9
75	400	2	11	3	5	765	2	11
100	600	3	5	4	5	1055	3	6
125	700	4	7	5	11	1225	4	9
150	900	5	2	7	1	1487	5	4
175	1000	6	4	8	8	1648	6	7
200	1100	7	6	10	4	1806	7	10

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

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	300	1	11	2	2	577	1	11
75	400	3	2	3	8	760	3	2
100	600	3	9	4	8	1056	3	10
125	750	4	8	6	0	1279	4	10
150	900	5	8	7	5	1494	5	10
175	1100	6	3	8	8	1749	6	6

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

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM	
				(Feet) -	(Inches)		(Feet) -	(Inches)
50	400	1	10	2	1	678	1	10
75	500	3	3	3	8	854	3	3
100	700	4	1	4	11	1140	4	2
125	900	5	0	6	3	1411	5	2
150	1100	5	11	7	7	1672	6	1

NOTES: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° (F).