



SAG AND TENSION TABLES FOR LASHED CABLES ON 10M STRAND

HEAVY ICE LOADING AREAS

1.0" DIAMETER (0.7 #/FT.) FILLED FOAM-SKIN 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)
100	2100	0	6	1	5	2255	1	3
200	2100	2	1	5	3	2460	3	2
300	2100	4	9	10	10	2697	6	0
400	2100	8	6	17	8	2930	9	11
480	2100	12	2	24	0	3108	13	9

1.2" DIAMETER (0.9 #/FT.) FILLED FOAM-SKIN 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)
100	2100	0	8	1	7	2274	1	4
200	2100	2	7	5	10	2509	3	6
300	2100	5	10	11	10	2767	6	11
400	2100	10	4	19	4	3014	11	7
420	2100	11	5	21	0	3061	12	8

1.4" DIAMETER (1.4 #/FT.) FILLED FOAM-SKIN 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)
100	2100	0	11	1	11	2305	1	6
200	2100	3	9	6	10	2578	4	6
300	2100	8	6	13	11	2851	9	4
330	2100	10	4	16	5	2927	11	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 tension is at 60° F.

SAG AND TENSION TABLES FOR LASHED CABLES ON 10M STRAND

HEAVY ICE LOADING AREAS

1.6" DIAMETER (1.8 #/FT.) FILLED FOAM-SKIN 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)	
100	2100	1	2	2	2	2333	1	8
200	2100	4	9	7	8	2632	5	4
280	2100	9	3	13	11	2857	9	11

1.8" DIAMETER (2.4 #/FT.) FILLED FOAM-SKIN 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)	
100	2100	1	6	2	6	2366	1	11
200	2100	6	2	8	11	2684	6	8
230	2100	8	2	11	5	2770	8	8

2.0" DIAMETER (2.7 #/FT.) FILLED FOAM-SKIN 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)	
100	2100	1	9	2	9	2390	2	1
200	2100	6	11	9	7	2721	7	4
210	2100	7	7	10	5	2751	8	0

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 tension is at 60° F.