

ADP NMS (6x24) Compact Design – Sag and Tension Guide

Span ft	Initial Stringing		Heavy Conditions				Medium Conditions				Light Conditions			
			Loaded Cable Sag		Loaded Cable Tension lbs	Sag After Load Removal in	Loaded Cable Sag		Loaded Cable Tension lbs	Sag After Load Removal in	Loaded Cable Sag		Loaded Cable Tension lbs	Sag After Load Removal in
	Vert. in	Horiz. in	Vert. in	Horiz. in			Vert. in	Horiz. in			Vert. in	Horiz. in		
50	6	29	17	13	135	6.3	10	13	89	6.3	3	11	54	6.3
75	9	44	29	22	177	10.0	17	21	119	9.4	5	18	74	9.5
100	12	58	42	33	212	14.4	25	30	147	12.8	8	25	93	12.6
125	15	73	59	45	240	20.8	34	41	171	16.5	10	33	112	15.6
150	18	88	78	60	260	29.9	43	52	193	20.7	12	41	129	18.9
175	21	102	97	75	284	37.9	53	64	213	25.6	15	50	146	22.3
200	24	117	114	88	316	42.7	64	78	229	32.2	17	59	161	26.3
225	27	131	132	102	346	47.7	77	94	240	41.3	20	68	175	30.3
250	30	146	149	116	376	52.2	91	110	252	50.8	23	78	189	34.5
275	33	161	-	-	-	-	104	126	267	58.7	26	89	201	39.5
300	36	175	-	-	-	-	116	141	284	65.0	30	100	212	45.7
325	39	190	-	-	-	-	128	155	303	70.6	34	114	219	53.4
350	42	204	-	-	-	-	140	170	322	75.7	38	129	224	63.3
375	45	219	-	-	-	-	152	184	341	80.4	43	146	228	74.0
400	48	234	-	-	-	-	164	199	359	85.9	48	161	234	83.8