

TFCT10500 Plain (0.500" Bare Al CATV Cable) 0.25" EHS Strand, Single Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	12	13	14	15	16	17	18	19	20	21	22	23	14	17	20
125	15	16	18	19	20	21	23	24	25	26	27	29	17	21	25
150	19	20	21	23	24	26	27	28	30	31	32	34	20	25	29
175	22	24	25	27	28	30	32	33	34	36	37	40	23	29	34
200	26	27	29	31	33	34	36	38	39	41	42	46	26	32	38
225	29	31	33	35	37	39	41	42	44	46	48	51	29	36	42
250	33	35	37	39	41	43	45	47	49	51	53	56	32	39	46
275	37	39	41	43	45	47	50	52	54	56	58	62	35	43	50
300	41	43	45	47	49	52	54	56	58	61	63	67	38	46	54

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	24	24	25	26	26	27	28	29	29	30	30	32	30	26	30
125	29	30	31	32	33	34	35	35	36	37	38	39	38	32	37
150	35	36	37	38	39	40	41	42	43	44	45	47	46	39	44
175	41	42	43	44	46	47	48	49	50	51	53	55	55	45	51
200	46	48	49	51	52	53	55	56	57	58	60	62	64	51	58
225	52	53	55	57	58	60	61	63	64	65	67	70	73	57	65
250	57	59	61	63	64	66	68	69	71	72	74	77	82	63	72
275	63	65	67	69	70	72	74	76	78	79	81	84	92	69	79
300	68	70	72	74	76	78	80	82	84	86	88	91	101	75	85

This table is applicable for 1993 NESC Heavy Loading Districts

TFCT10750 Plain (0.750" Bare Al CATV Cable) 0.25" EHS Strand, Double Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	12	13	14	15	16	17	18	19	20	21	21	23	12	16	19
125	16	17	18	19	20	21	23	24	25	26	27	29	15	19	23
150	20	21	22	23	25	26	27	28	29	31	32	34	17	22	27
175	23	25	26	27	29	30	32	33	34	36	37	39	20	25	30
200	27	28	30	31	33	34	36	38	39	41	42	45	22	28	34
225	31	32	34	36	37	39	41	42	44	45	47	50	24	30	37
250	35	36	38	40	41	43	45	47	49	50	52	56	26	33	40
275	39	40	42	44	46	48	50	51	53	55	57	61	28	35	43
300	43	44	46	48	50	52	54	56	58	60	62	66	30	37	45

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	23	24	25	26	26	27	28	28	29	30	30	31	30	26	29
125	29	30	31	34	33	33	34	35	36	37	37	39	38	35	36
150	35	36	37	38	39	40	41	42	43	44	45	46	47	38	43
175	40	41	43	44	45	46	47	48	50	51	52	54	56	44	50
200	46	47	48	50	51	52	54	55	56	57	59	61	65	50	57
225	51	53	54	56	57	59	60	61	63	64	66	68	74	56	64
250	56	58	60	61	63	65	66	68	69	71	72	75	83	62	70
275	62	63	65	67	69	71	72	74	76	77	79	82	93	67	77
300	67	69	71	73	75	77	78	80	82	84	86	89	103	73	83

This table is applicable for 1993 NESC Heavy Loading Districts

TFC 1-T10500 Plain & 1-T10750 Plain (0.500" & 0.750" Bare Al CATV Cable) 0.25" EHS Strand, Double Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	13	14	15	15	16	17	18	19	20	20	21	23	11	15	18
125	16	17	18	19	20	21	23	24	24	25	26	28	13	17	21
150	20	21	22	24	25	26	27	28	29	30	32	34	15	20	25
175	24	25	26	28	29	30	32	33	34	35	37	39	16	22	27
200	28	29	30	32	33	35	36	37	39	40	42	44	18	24	30
225	32	33	35	36	38	39	41	42	44	45	47	50	19	25	32
250	36	37	39	40	42	43	45	47	48	50	51	55	21	27	34
275	40	41	43	44	46	48	50	51	53	55	57	60	22	28	36
300	44	45	47	49	50	52	54	56	58	59	61	65	24	30	37

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	23	24	25	25	26	27	27	28	29	29	30	31	31	25	29
125	29	30	31	31	32	33	34	35	36	36	37	39	40	32	36
150	34	35	36	37	38	39	40	41	42	43	44	46	49	38	43
175	40	41	42	43	44	46	47	48	49	50	51	53	58	43	49
200	45	46	48	49	50	52	53	54	55	57	58	60	68	49	56
225	50	52	53	55	56	58	59	60	62	63	64	67	77	55	63
250	56	57	59	60	62	63	65	66	68	69	71	74	87	61	69
275	61	62	64	66	68	69	71	73	74	76	77	81	97	66	75
300	66	68	70	71	73	75	77	79	80	82	84	87	108	72	81

This table is applicable for 1993 NESC Heavy Loading Districts

TFC 2-T10500 Plain & 1-T10750 Plain (0.500" & 0.750" Bare Al CATV Cable) 0.25" EHS Strand, Double Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	13	14	15	16	16	17	18	19	20	20	21	23	10	14	17
125	17	18	19	20	21	22	23	23	24	25	26	28	11	16	20
150	21	22	23	24	25	26	27	28	29	30	31	33	13	17	22
175	25	26	27	28	29	30	32	33	34	35	36	39	14	19	24
200	28	30	31	32	33	35	36	37	39	40	41	44	15	20	26
225	32	34	35	36	38	39	41	42	43	45	46	49	16	21	27
250	37	38	39	41	42	44	45	47	48	50	51	54	17	22	29
275	41	42	43	45	46	48	50	51	53	54	56	59	18	23	30
300	45	46	48	49	51	52	54	56	57	59	61	64	19	24	30

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	23	24	24	25	26	27	27	28	28	29	30	31	31	25	29
125	29	29	30	31	32	33	34	34	35	36	37	38	39	31	36
150	34	35	36	37	38	39	40	41	42	43	44	45	48	37	42
175	39	40	42	43	44	45	46	47	48	49	50	52	57	43	49
200	45	46	47	48	50	51	52	53	55	56	57	59	67	49	55
225	50	51	53	54	55	57	58	59	61	62	63	66	76	54	62
250	55	56	58	59	61	62	64	65	67	68	70	73	86	60	68
275	60	62	63	65	66	68	70	71	73	74	76	79	96	65	74
300	65	67	68	70	72	74	75	77	79	80	82	85	106	71	80

This table is applicable for 1993 NESC Heavy Loading Districts

TFCT10500 Jacketed (0.500" Jkt Al CATV Cable) 0.25" EHS Strand, Single Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	12	13	14	15	16	17	18	19	20	21	22	23	13	18	20
125	15	17	18	19	20	21	23	24	25	26	27	29	16	22	24
150	19	20	22	23	24	26	27	28	30	31	32	34	19	26	29
175	22	24	25	27	29	30	32	33	34	36	37	40	22	29	33
200	26	28	29	31	33	34	36	38	39	41	42	45	25	33	37
225	30	32	33	35	37	39	41	42	44	46	47	51	28	36	41
250	33	35	37	39	41	43	45	47	49	51	53	56	31	40	45
275	37	39	41	43	45	47	50	52	54	56	58	62	33	43	49
300	41	43	45	47	50	52	54	56	58	61	63	67	36	46	52

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	24	24	25	26	26	27	28	28	29	30	30	32	30	26	30
125	29	30	31	32	33	34	35	35	36	37	38	39	38	32	37
150	35	36	37	38	39	40	41	42	43	44	45	47	46	38	44
175	41	42	43	44	46	47	48	49	50	51	52	54	55	45	51
200	46	48	49	50	52	53	54	56	57	58	59	62	64	51	58
225	52	53	55	56	58	59	61	62	64	65	67	69	73	57	65
250	57	59	61	62	64	66	67	69	70	72	74	77	82	63	71
275	63	64	66	68	70	72	74	75	77	79	80	84	92	69	78
300	68	70	72	74	76	78	80	82	84	86	87	91	102	74	85

This table is applicable for 1993 NESC Heavy Loading Districts

TFCT10750 Jacketed (0.750" Jkt Al CATV Cable) 0.25" EHS Strand, Double Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	13	13	14	15	16	17	18	19	20	21	21	23	12	16	18
125	16	17	18	19	20	21	23	24	25	26	27	28	14	19	22
150	20	21	22	23	25	26	27	28	29	31	32	34	16	22	26
175	24	25	26	28	29	30	32	33	34	35	37	39	18	25	29
200	27	29	30	32	33	35	36	37	39	40	42	45	20	28	32
225	31	33	34	36	37	39	41	42	44	45	47	50	21	30	35
250	35	37	38	40	42	43	45	47	48	50	52	55	23	32	37
275	39	41	43	44	46	48	50	51	53	55	57	60	25	34	39
300	43	45	47	48	50	52	54	56	58	60	62	65	26	36	41

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	23	24	25	25	26	27	28	28	29	29	30	31	30	26	29
125	29	30	31	32	32	33	34	35	36	36	37	39	38	32	36
150	34	35	37	38	39	40	41	42	43	43	44	46	47	38	43
175	40	41	42	44	45	46	47	48	49	50	51	53	56	44	50
200	45	47	48	49	51	52	53	55	56	57	58	61	65	50	57
225	51	52	54	55	57	58	59	61	62	64	65	68	74	55	63
250	56	58	59	61	62	64	66	67	69	70	72	75	84	61	70
275	61	63	65	66	68	70	72	73	75	77	78	81	93	67	76
300	66	68	70	72	74	76	78	79	81	83	85	88	103	72	82

This table is applicable for 1993 NESC Heavy Loading Districts

TFC 1-T10500 Jacketed & 1-T10750 Jacketed (0.500" & 0.750" Jkt Al CATV Cable) 0.25" EHS Strand, Double Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	13	14	15	15	16	17	18	19	20	20	21	23	10	15	17
125	17	18	19	20	21	22	23	23	24	25	26	28	12	17	20
150	20	22	23	24	25	26	27	28	29	30	31	34	13	20	23
175	24	26	27	28	29	30	32	33	34	35	36	39	14	21	25
200	28	30	31	32	33	35	36	37	39	40	41	44	16	23	27
225	32	34	35	36	38	39	41	42	43	45	46	49	17	24	29
250	36	38	39	41	42	43	45	47	48	50	51	54	18	25	30
275	40	42	43	45	46	48	50	51	53	54	56	59	19	26	31
300	44	46	47	49	51	52	54	56	57	59	61	64	20	28	32

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	23	24	25	25	26	27	27	28	29	29	30	31	31	25	29
125	29	29	30	31	32	33	34	35	35	36	37	38	40	31	36
150	34	35	36	37	38	39	40	41	42	43	44	46	49	37	42
175	39	41	42	43	44	45	46	47	48	49	51	53	58	43	49
200	45	46	47	49	50	51	52	54	55	56	57	60	68	49	56
225	50	51	53	54	56	57	58	60	61	62	64	66	78	54	62
250	55	57	58	60	61	63	64	66	67	69	70	73	88	60	68
275	60	62	63	65	67	68	70	72	73	75	76	80	98	65	74
300	65	67	69	71	72	74	76	77	79	81	83	86	108	71	80

This table is applicable for 1993 NESC Heavy Loading Districts

TFC 2-T10500 Jacketed & 1-T10750 Jacketed (0.500" & 0.750" Jkt Al CATV Cable) 0.25" EHS Strand, Double Lashed

Initial Sag (inches)

Span Length (Feet)	Strand and Cable Ambient Air Temperature												Strand With No Cable		
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	30°F	60°F	90°F
100	13	14	15	16	16	17	18	19	20	20	21	23	9	13	16
125	17	18	19	20	21	22	23	23	24	25	26	28	10	14	18
150	21	22	23	24	25	26	27	28	29	30	31	33	11	15	20
175	25	26	27	28	29	30	32	33	34	35	36	38	11	16	22
200	29	30	31	32	34	35	36	37	38	40	41	43	12	17	23
225	33	34	35	37	38	39	41	42	43	44	46	49	13	17	23
250	37	38	40	41	42	44	45	46	48	49	51	54	14	18	24
275	41	43	44	45	47	48	50	51	52	54	55	59	15	19	24
300	45	47	48	50	51	52	54	56	57	59	60	63	16	20	25

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice	0.0" Ice	
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F	32°F	32°F	86°F
100	23	24	24	25	26	26	27	28	28	29	29	31	31	25	29
125	28	29	30	31	32	33	33	34	35	36	36	38	40	31	35
150	34	35	36	37	38	39	40	40	41	42	43	45	49	37	42
175	39	40	41	42	43	44	46	47	48	49	50	52	58	43	48
200	44	45	47	48	49	50	51	53	54	55	56	58	68	48	55
225	49	51	52	53	55	56	57	59	60	61	63	65	77	54	61
250	54	56	57	59	60	62	63	64	66	67	69	71	87	59	67
275	59	61	62	64	66	67	69	70	72	73	75	78	97	64	73
300	64	66	68	69	71	72	74	76	77	79	81	84	107	70	78

This table is applicable for 1993 NESC Heavy Loading Districts

TFCT10500 Jacketed With 0.109" Messenger (0.500" Jkt Al CATV Cable With 1800 Pound Break Strength Integral Steel Mesenger)

Minimum Initial Sag (inches)

Span Length (Feet)	Ambient Air Temperature											
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F
100	5	6	7	8	10	11	13	15	17	18	20	22
125	13	15	17	19	21	23	25	27	28	30	32	34
150	28	30	32	34	36	38	40	41	43	45	46	49
175	46	48	50	52	54	55	57	59	60	62	63	66
200	67	68	70	72	74	75	77	79	80	82	83	86
225	89	91	93	95	96	98	99	101	103	104	106	109
250	115	116	118	120	121	123	125	126	128	129	131	134
275	143	144	146	148	149	151	152	154	156	157	147	162
300	173	175	177	178	180	181	183	184	186	188	189	192

Final Sag (inches) (No Wind)

Span Length (Feet)	Conductor Temperature												0.5" Ice 32°F	0.0" Ice 32°F	86°F
	0°F	10°F	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	120°F			
100	16	18	19	21	22	23	25	26	27	28	29	31	28	21	28
125	28	29	31	32	34	35	37	38	39	40	42	44	40	33	40
150	42	44	46	47	48	50	51	53	54	55	56	59	56	47	55
175	60	61	63	64	66	67	69	70	71	73	74	76	73	65	72
200	80	81	83	84	86	87	88	90	91	93	94	97	94	84	92
225	102	104	105	107	108	110	111	112	114	115	117	119	116	107	115
250	127	129	130	132	133	135	136	138	139	140	142	145	142	132	140
275	155	156	158	160	161	163	164	165	167	168	170	173	170	160	168
300	185	187	188	190	191	193	194	196	197	199	200	203	200	190	198

This table is applicable for 1993 NESC Heavy Loading Districts