

THREAD PITCH
MODULUS
CABLE AREA

10
28500000
0.153

TPI
PSI
SQ. IN.

APPLIES TO PTA PART #'S
BC50AF
BC50AM
BC50FF
BC50FM



	CABLE LENGTH (ft.)	10	20	30	40	50	60	70	80	90	100	110	120	130	140
2000	ELONGATION (in.)	0.055	0.110	0.165	0.220	0.275	0.330	0.385	0.440	0.495	0.550	0.605	0.660	0.716	0.771
	ROTATIONS EXACT	0.55	1.10	1.65	2.20	2.75	3.30	3.85	4.40	4.95	5.50	6.05	6.60	7.16	7.71
	ROTATIONS FRACTION	1/2	1 1/8	1 5/8	2 1/4	2 3/4	3 3/8	3 7/8	4 3/8	5	5 1/2	6	6 5/8	7 1/8	7 3/4
2500	ELONGATION (in.)	0.069	0.138	0.206	0.275	0.344	0.413	0.482	0.550	0.619	0.688	0.757	0.826	0.894	0.963
	ROTATIONS EXACT	0.69	1.38	2.06	2.75	3.44	4.13	4.82	5.50	6.19	6.88	7.57	8.26	8.94	9.63
	ROTATIONS FRACTION	3/4	1 3/8	2	2 3/4	3 1/2	4 1/8	5 7/8	5 1/2	6 1/4	6 7/8	7 5/8	8 1/4	9	9 5/8
3000	ELONGATION (in.)	0.083	0.165	0.248	0.330	0.413	0.495	0.578	0.660	0.743	0.826	0.908	0.991	1.073	1.156
	ROTATIONS EXACT	0.83	1.65	2.48	3.30	4.13	4.95	5.78	6.60	7.43	8.26	9.08	9.91	10.73	11.56
	ROTATIONS FRACTION	7/8	1 5/8	2 1/2	3 1/4	4 1/8	5	5 3/4	6 5/8	7 1/2	8 1/4	9 1/8	9 7/8	10 3/4	11 1/2
3500	ELONGATION (in.)	0.096	0.193	0.289	0.385	0.482	0.578	0.674	0.771	0.867	0.963	1.060	1.156	1.252	1.348
	ROTATIONS EXACT	0.96	1.93	2.89	3.85	4.82	5.78	6.74	7.71	8.67	9.63	10.60	11.56	12.52	13.48
	ROTATIONS FRACTION	1	1 7/8	2 7/8	3 7/8	4 7/8	5 3/4	6 3/4	7 3/4	8 3/4	9 5/8	10 5/8	11 1/2	12 1/2	13 1/2
4000	ELONGATION (in.)	0.110	0.220	0.330	0.440	0.550	0.660	0.771	0.881	0.991	1.101	1.211	1.321	1.431	1.541
	ROTATIONS EXACT	1.10	2.20	3.30	4.40	5.50	6.60	7.71	8.81	9.91	11.01	12.11	13.21	14.31	15.41
	ROTATIONS FRACTION	1 1/8	2 1/4	3 1/4	4 3/8	5 1/2	6 5/8	7 3/4	8 7/8	10	11	12 1/8	13 1/4	14 3/8	15 3/8
4500	ELONGATION (in.)	0.124	0.248	0.372	0.495	0.619	0.743	0.867	0.991	1.115	1.238	1.362	1.486	1.610	1.734
	ROTATIONS EXACT	1.24	2.48	3.72	4.95	6.19	7.43	8.67	9.91	11.15	12.38	13.62	14.86	16.10	17.34
	ROTATIONS FRACTION	1 1/4	2 1/2	3 3/4	5	6 1/8	7 1/2	8 5/8	10	11 1/8	13 3/8	13 5/8	14 7/8	16 1/8	17 3/8
5000	ELONGATION (in.)	0.138	0.275	0.413	0.550	0.688	0.826	0.963	1.101	1.238	1.376	1.514	1.651	1.789	1.926
	ROTATIONS EXACT	1.38	2.75	4.13	5.50	6.88	8.26	9.63	11.01	12.38	13.76	15.14	16.51	17.89	19.26
	ROTATIONS FRACTION	1 3/8	2 3/4	4 1/8	5 1/2	6 7/8	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4

ATLAS

POST-TENSION PRODUCTS

150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	
0.826	0.881	0.936	0.991	1.046	1.101	1.156	1.211	1.266	1.321	1.376	1.431	1.486	1.541	1.596	1.651	2000
8.26	8.81	9.36	9.91	10.46	11.01	11.56	12.11	12.66	13.21	13.76	14.31	14.86	15.411	15.96	16.51	
8 1/4	8 7/8	9 3/8	9 7/8	10 1/2	11	11 1/2	12 1/8	12 5/8	13 1/4	13 3/4	14 3/8	14 7/8	15 3/8	16	16 1/2	
1.032	1.101	1.170	1.238	1.307	1.376	1.445	1.514	1.582	1.651	1.720	1.789	1.858	1.926	1.995	2.064	2500
10.32	11.01	11.70	12.38	13.07	13.76	14.45	15.14	15.82	16.51	17.20	17.888	18.58	19.264	19.95	20.64	
10 3/8	11	11 3/4	12 3/8	13 1/8	13 3/4	14 1/2	15 1/8	15 7/8	16 1/2	17 1/4	17 7/8	18 5/8	19 1/4	20	20 5/8	
1.238	1.321	1.404	1.486	1.569	1.651	1.734	1.816	1.899	1.981	2.064	2.147	2.229	2.312	2.394	2.477	3000
12.38	13.21	14.04	14.86	15.69	16.51	17.34	18.16	18.99	19.81	20.64	21.47	22.29	23.12	23.94	24.77	
12 3/8	13 1/4	14	14 7/8	15 3/4	16 1/2	17 3/8	18 1/8	19	19 3/4	20 5/8	21 1/2	22 1/4	23 1/8	24	24 3/4	
1.445	1.541	1.637	1.734	1.830	1.926	2.023	2.119	2.215	2.312	2.408	2.504	2.601	2.697	2.793	2.890	3500
14.45	15.41	16.37	17.34	18.30	19.26	20.23	21.19	22.15	23.12	24.08	25.04	26.01	26.97	27.93	28.90	
14 1/2	15 3/8	16 3/8	17 3/8	18 1/4	19 1/4	20 1/4	21 1/4	22 1/8	23 1/8	24 1/8	25	26	27	28	29	
1.651	1.761	1.871	1.981	2.092	2.202	2.312	2.422	2.532	2.642	2.752	2.862	2.972	3.082	3.192	3.302	4000
16.51	17.61	18.71	19.81	20.92	22.02	23.12	24.22	25.32	26.42	27.52	28.62	29.72	30.82	31.92	33.02	
16 1/2	17 5/8	18 3/4	19 7/8	20 7/8	22	23 1/8	24 1/4	25 3/8	26 1/2	27 1/2	28 5/8	29 3/4	30 7/8	32	33	
1.858	1.981	2.105	2.229	2.353	2.477	2.601	2.724	2.848	2.972	3.096	3.220	3.344	3.467	3.591	3.715	4500
18.58	19.81	21.05	22.29	23.53	24.77	26.01	27.24	28.48	29.72	30.96	32.20	33.44	34.67	35.91	37.15	
18 5/8	19 7/8	21	22 1/4	23 1/2	24 3/4	26	27 1/4	28 1/2	29 3/4	31	32 1/4	33 1/2	34 5/8	36	37 1/8	
2.064	2.202	2.339	2.477	2.614	2.752	2.890	3.027	3.165	3.302	3.440	3.578	3.715	3.853	3.990	4.128	5000
20.64	22.02	23.39	24.77	26.14	27.52	28.90	30.27	31.65	33.02	34.40	35.78	37.15	38.53	39.90	41.28	
20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	29	30 1/4	31 5/8	33	34 1/2	35 3/4	37 1/8	38 1/2	39 7/8	41 1/4	