

Temp (C)	Temp (F)	Soliton (V)	Desired Resistance (Ohms)	Pot 1 Step	5k Pot 1	Pot 2 Step	5k Pot 2
0	32	0.0	365	139	2704.3	139	2704.3
1	33.8	0.1	346.7	116	2256.8	116	2256.8
2	35.6	0.3	329.4	99	1926.1	99	1926.1
3	37.4	0.4	313.1	86	1673.2	86	1673.2
4	39.2	0.5	297.8	76	1478.6	76	1478.6
5	41	0.7	283.3	67	1303.5	67	1303.5
6	42.8	0.8	269.6	60	1167.3	60	1167.3
7	44.6	0.9	256.7	54	1050.6	54	1050.6
8	46.4	1.0	244.2	49	953.3	49	953.3
9	48.2	1.2	233.1	45	875.5	45	875.5
10	50	1.4	222.3	41	797.7	41	797.7
11	51.8	1.5	212.1	38	739.3	38	739.3
12	53.6	1.6	202.6	35	680.9	35	680.9
13	55.4	1.8	193.6	32	622.6	33	642.0
14	57.2	1.9	185.1	28	544.7	33	642.0
15	59	2.0	177.1	26	505.8	31	603.1
16	60.8	2.2	169.6	26	505.8	27	525.3
17	62.6	2.3	162.5	23	447.5	27	525.3
18	64.4	2.4	155.8	21	408.6	26	505.8
19	66.2	2.6	149.5	22	428.0	22	428.0
20	68	2.7	143.5	13	252.9	51	992.2
21	69.8	2.8	137.9	12	233.5	53	1031.1
22	71.6	3.0	132.6	11	214.0	59	1147.9
23	73.4	3.1	127.5	10	194.6	73	1420.2
24	75.2	3.2	122.8	10	194.6	51	992.2
25	77	3.4	118.3	9	175.1	69	1342.4
26	78.8	3.5	114.0	9	175.1	48	933.9
27	80.6	3.6	110.0	8	155.6	77	1498.1
28	82.4	3.8	106.1	8	155.6	51	992.2
29	84.2	3.9	102.4	8	155.6	38	739.3
30	86	4.1	98.9	7	136.2	67	1303.5
31	87.8	4.2	95.6	7	136.2	46	894.9
32	89.6	4.3	92.4	7	136.2	35	680.9
33	91.4	4.5	89.3	6	116.7	82	1595.3
34	93.2	4.6	86.4	6	116.7	51	992.2
35	95	4.7	83.6	6	116.7	37	719.8
36	96.8	4.9	80.9	6	116.7	29	564.2
37	98.6	5.0	78.3	6	116.7	23	447.5
38	100.4	5.1	75.7	5	97.3	55	1070.0
39	102.2	5.3	73.3	5	97.3	38	739.3
40	104	5.4	71	5	97.3	29	564.2
41	105.8	5.5	68.7	5	97.3	23	447.5
42	107.6	5.7	66.5	5	97.3	19	369.6
43	109.4	5.8	64.3	4	77.8	72	1400.8
44	111.2	5.9	62.2	4	77.8	42	817.1

45	113	6.1	60.2	4	77.8	29	564.2
46	114.8	6.2	58.2	4	77.8	22	428.0
47	116.6	6.3	56.3	4	77.8	18	350.2
48	118.4	6.5	54.5	4	77.8	15	291.8
49	120.2	6.6	52.7	4	77.8	12	233.5
50	122	6.8	50.9	3	58.4	100	1945.5
51	123.8	6.9	49.2	3	58.4	43	836.6
52	125.6	7.0	47.6	3	58.4	27	525.3
53	127.4	7.2	45.9	3	58.4	19	369.6
54	129.2	7.3	44.4	3	58.4	15	291.8
55	131	7.4	42.9	3	58.4	12	233.5
56	132.8	7.6	41.4	3	58.4	10	194.6
57	134.6	7.7	40.0	3	58.4	9	175.1
58	136.4	7.8	38.7	3	58.4	8	155.6
59	138.2	8.0	37.3	3	58.4	7	136.2
60	140	8.1	36.5	3	58.4	6	116.7
61	141.8	8.2	35.9	2	38.9	257	5000.0
62	143.6	8.4	35.3	2	38.9	80	1556.4
63	145.4	8.5	34.6	2	38.9	42	817.1
64	147.2	8.6	34.0	2	38.9	30	583.7
65	149	8.8	33.4	2	38.9	23	447.5
66	150.8	8.9	32.8	2	38.9	19	369.6
67	152.6	9.0	32.2	2	38.9	15	291.8
68	154.4	9.2	31.5	2	38.9	12	233.5
69	156.2	9.3	30.9	2	38.9	11	214.0
70	158	9.5	30.3	2	38.9	10	194.6
71	159.8	9.6	29.7	2	38.9	9	175.1
72	161.6	9.7	29.1	2	38.9	8	155.6
73	163.4	9.9	28.4	2	38.9	7	136.2
74	165.2	10.0	27.8	2	38.9	6	116.7
75	167	10.1	27.2	2	38.9	6	116.7
76	168.8	10.3	26.6	2	38.9	5	97.3
77	170.6	10.4	26.0	2	38.9	5	97.3
78	172.4	10.5	25.3	2	38.9	4	77.8
79	174.2	10.7	24.7	2	38.9	4	77.8
80	176	10.8	24.1	2	38.9	4	77.8
81	177.8	10.9	23.7	2	38.9	4	77.8
82	179.6	11.1	23.2	2	38.9	3	58.4
83	181.4	11.2	22.8	2	38.9	3	58.4
84	183.2	11.3	22.3	2	38.9	3	58.4
85	185	11.5	21.9	2	38.9	3	58.4
86	186.8	11.6	21.4	2	38.9	3	58.4
87	188.6	11.7	21.0	2	38.9	3	58.4
88	190.4	11.9	20.5	2	38.9	2	38.9
89	192.2	12.0	20.1	2	38.9	2	38.9
90	194	12.2	19.6	2	38.9	2	38.9
91	195.8	12.3	19.2	2	38.9	2	38.9

92	197.6	12.4	18.7	2	38.9	2	38.9
93	199.4	12.6	18.3	1	19.5	40	778.2
94	201.2	12.7	17.8	1	19.5	19	369.6
95	203	12.8	17.4	1	19.5	13	252.9
96	204.8	13.0	16.9	1	19.5	9	175.1
97	206.6	13.1	16.5	1	19.5	7	136.2
98	208.4	13.2	16.0	1	19.5	6	116.7
99	210.2	13.4	15.6	1	19.5	5	97.3
100	212	13.5	15.1	1	19.5	4	77.8

Fixed Parallel Resistor	Actual Resistance (Ohms)
500	365.0
500	346.5
500	329.1
500	313.0
500	298.3
500	282.9
500	269.3
500	256.2
500	244.0
500	233.4
500	221.9
500	212.5
500	202.5
500	193.7
500	185.4
500	177.5
500	170.0
500	162.9
500	155.7
500	149.9
500	143.6
500	137.9
500	132.6
500	127.5
500	122.7
500	118.3
500	113.9
500	110.0
500	106.0
500	102.3
500	98.9
500	95.6
500	92.5
500	89.3
500	86.4
500	83.6
500	81.0
500	78.1
500	75.7
500	73.4
500	71.2
500	68.9
500	66.7
500	64.3
500	62.2

500	60.2
500	58.2
500	56.5
500	54.7
500	52.3
500	50.9
500	49.2
500	47.5
500	45.8
500	44.3
500	42.7
500	41.2
500	40.3
500	39.1
500	37.8
500	36.1
500	35.8
500	35.3
500	34.6
500	34.0
500	33.4
500	32.9
500	32.1
500	31.3
500	30.9
500	30.5
500	29.9
500	29.3
500	28.5
500	27.6
500	27.6
500	26.3
500	26.3
500	24.7
500	24.7
500	24.7
500	24.7
500	22.3
500	22.3
500	22.3
500	22.3
500	22.3
500	22.3
500	18.7
500	18.7
500	18.7
500	18.7

500	18.7
500	18.3
500	17.8
500	17.4
500	16.9
500	16.5
500	16.1
500	15.7
500	15.1