



Resistance & Temperature Table

$R_{25}=200K\Omega\pm 1\%$ $B_{25/50}=4200K\pm 1\%$

Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
-30	4447.4233	4270.6353	4100.4644
-29	4159.2661	3996.5823	3839.8774
-28	3891.6558	3741.9021	3597.5513
-27	3642.999	3505.1045	3372.0923
-26	3411.8364	3284.8235	3162.2224
-25	3196.8296	3079.8047	2966.7671
-24	2996.75	2888.8975	2784.6479
-23	2810.4705	2711.0439	2614.8735
-22	2636.9543	2545.272	2456.5315
-21	2475.2502	2390.6877	2308.783
-20	2324.4827	2246.468	2170.8545
-19	2183.8459	2111.856	2042.0348
-18	2052.5986	1986.1537	1921.6674
-17	1930.0577	1868.718	1809.147
-16	1815.594	1758.9565	1703.9154
-15	1708.6271	1656.322	1605.4574
-14	1608.6217	1560.3094	1513.2969
-13	1515.0837	1470.4528	1426.9937
-12	1427.5573	1386.3209	1346.1412
-11	1345.6206	1307.5161	1270.3638
-10	1268.8844	1233.6699	1199.3129
-9	1196.9883	1164.4415	1132.6664
-8	1129.5994	1099.5155	1070.1259
-7	1066.4088	1038.5996	1011.4146
-6	1007.1312	981.4235	956.2762
-5	951.502	927.7359	904.473
-4	899.2757	877.3043	855.7842
-3	850.2248	829.9126	810.0047
-2	804.1386	785.3607	766.9445
-1	760.821	743.4621	726.4266
0	720.0903	704.0441	688.2867
1	681.7775	666.946	652.3719
2	645.7256	632.0182	618.5401
3	611.7888	599.122	586.6589
4	579.8312	568.1277	556.6049
5	549.7264	538.9151	528.2635
6	521.357	511.3718	501.5276
7	494.6135	485.3935	476.2977
8	469.3937	460.8826	452.4805



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Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
9	445.6026	437.7483	429.9893
10	423.1517	415.9059	408.7432
11	401.9581	395.2762	388.6665
12	381.9447	375.7855	369.6886
13	363.0394	357.3647	351.7434
14	345.1751	339.9494	334.7693
15	328.2888	323.4794	318.7085
16	312.322	307.8984	303.507
17	297.2196	293.1537	289.1145
18	282.9302	279.196	275.4835
19	269.406	265.9792	262.5698
20	256.6019	253.4601	250.3318
21	244.4758	241.5983	238.7308
22	232.9884	230.3558	227.7302
23	222.1027	219.6972	217.296
24	211.784	209.589	207.3959
25	202	200	198
26	192.8997	190.9009	188.9039
27	184.2579	182.2643	180.2742
28	176.0491	174.0641	172.0843
29	168.2495	166.2763	164.3098
30	160.8365	158.8779	156.9275
31	153.789	151.8475	149.9156
32	147.0873	145.1651	143.2536
33	140.7126	138.8115	136.9225
34	134.6473	132.7691	130.904
35	128.8749	127.021	125.1812
36	123.3798	121.5514	119.7382
37	118.1473	116.3455	114.5598
38	113.1636	111.3893	109.6319
39	108.4156	106.6696	104.9412
40	103.891	102.1739	100.475
41	99.5783	97.8905	96.2216
42	95.4665	93.8084	92.1698
43	91.5452	89.9171	88.3091
44	87.8047	86.2068	84.6295
45	84.2358	82.6682	81.1216
46	80.8298	79.2925	77.7767
47	77.5786	76.0715	74.5864
48	74.4742	72.9974	71.5427
49	71.5095	70.0627	68.6383
50	68.6775	67.2605	65.8662



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Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
51	65.9715	64.5842	63.2197
52	63.3855	62.0274	60.6924
53	60.9135	59.5844	58.2786
54	58.5499	57.2496	55.9725
55	56.2896	55.0175	53.7689
56	54.1274	52.8834	51.6627
57	52.0588	50.8423	49.6492
58	50.0792	48.8898	47.7238
59	48.1844	47.0217	45.8824
60	46.3704	45.2339	44.1208
61	44.6333	43.5226	42.4352
62	42.9696	41.8841	40.8221
63	41.3757	40.3152	39.2779
64	39.8486	38.8124	37.7994
65	38.385	37.3728	36.3836
66	36.982	35.9933	35.0274
67	35.6369	34.6712	33.7282
68	34.3471	33.4038	32.4832
69	33.1099	32.1887	31.29
70	31.923	31.0234	30.1461
71	30.7842	29.9057	29.0493
72	29.6913	28.8334	27.9976
73	28.6422	27.8046	26.9887
74	27.635	26.8171	26.0208
75	26.6679	25.8693	25.0921
76	25.739	24.9593	24.2008
77	24.8467	24.0854	23.3451
78	23.9893	23.2461	22.5236
79	23.1655	22.4399	21.7348
80	22.3737	21.6652	20.9771
81	21.6125	20.9208	20.2493
82	20.8806	20.2053	19.5499
83	20.1768	19.5175	18.8779
84	19.4998	18.8562	18.2319
85	18.8486	18.2202	17.611
86	18.222	17.6085	17.0139
87	17.619	17.02	16.4397
88	17.0387	16.4538	15.8875
89	16.48	15.909	15.3562
90	15.9421	15.3845	14.845
91	15.4241	14.8797	14.3531
92	14.9252	14.3936	13.8796



Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
93	14.4446	13.9256	13.4238
94	13.9816	13.4747	12.985
95	13.5354	13.0405	12.5624
96	13.1054	12.6221	12.1553
97	12.6909	12.2189	11.7633
98	12.2914	11.8304	11.3855
99	11.9061	11.4558	11.0215
100	11.5345	11.0948	10.6707
101	11.1761	10.7466	10.3326
102	10.8304	10.4109	10.0066
103	10.4968	10.087	9.6923
104	10.1749	9.7746	9.3892
105	9.8643	9.4733	9.0968
106	9.5644	9.1824	8.8148
107	9.275	8.9018	8.5427
108	8.9955	8.6308	8.2801
109	8.7256	8.3693	8.0268
110	8.4649	8.1168	7.7822
111	8.2131	7.8729	7.5461
112	7.9698	7.6374	7.3181
113	7.7347	7.4099	7.098
114	7.5076	7.1901	6.8854
115	7.288	6.9778	6.68
116	7.0758	6.7726	6.4816
117	6.8706	6.5742	6.29
118	6.6723	6.3825	6.1047
119	6.4804	6.1972	5.9257
120	6.2949	6.018	5.7527
121	6.1154	5.8447	5.5854
122	5.9417	5.6771	5.4236
123	5.7737	5.5149	5.2672
124	5.6112	5.3581	5.116
125	5.4538	5.2064	4.9696
126	5.3015	5.0595	4.8281
127	5.1541	4.9174	4.6912
128	5.0113	4.7799	4.5586
129	4.8731	4.6467	4.4304
130	4.7393	4.5178	4.3063
131	4.6096	4.393	4.1861
132	4.484	4.2721	4.0698
133	4.3623	4.155	3.9572
134	4.2444	4.0416	3.8481



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Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
135	4.1302	3.9318	3.7425
136	4.0195	3.8253	3.6401
137	3.9122	3.7222	3.541
138	3.8081	3.6222	3.445
139	3.7073	3.5253	3.3519
140	3.6095	3.4314	3.2617
141	3.5147	3.3403	3.1743
142	3.4227	3.252	3.0896
143	3.3335	3.1664	3.0075
144	3.2469	3.0834	2.9278
145	3.163	3.0029	2.8506
146	3.0815	2.9248	2.7757
147	3.0024	2.849	2.7031
148	2.9257	2.7754	2.6326
149	2.8512	2.7041	2.5643
150	2.7789	2.6348	2.498
151	2.7087	2.5676	2.4336
152	2.6406	2.5024	2.3712
153	2.5744	2.439	2.3106
154	2.5102	2.3776	2.2517
155	2.4477	2.3178	2.1946
156	2.3871	2.2599	2.1392
157	2.3282	2.2035	2.0853
158	2.271	2.1488	2.0331
159	2.2154	2.0957	1.9823
160	2.1613	2.0441	1.933
161	2.1088	1.9939	1.8851
162	2.0578	1.9452	1.8385
163	2.0081	1.8978	1.7933
164	1.9599	1.8517	1.7494
165	1.913	1.807	1.7067
166	1.8674	1.7635	1.6652
167	1.823	1.7212	1.6248
168	1.7799	1.68	1.5856
169	1.7379	1.64	1.5475
170	1.6971	1.6011	1.5104
171	1.6574	1.5633	1.4744
172	1.6188	1.5265	1.4393
173	1.5812	1.4907	1.4052
174	1.5446	1.4559	1.3721
175	1.509	1.422	1.3398
176	1.4744	1.389	1.3084



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Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
177	1.4406	1.3569	1.2779
178	1.4078	1.3257	1.2482
179	1.3758	1.2953	1.2193
180	1.3447	1.2657	1.1912
181	1.3144	1.2368	1.1638
182	1.2849	1.2088	1.1371
183	1.2561	1.1815	1.1112
184	1.2281	1.1549	1.0859
185	1.2008	1.129	1.0613
186	1.1743	1.1037	1.0373
187	1.1484	1.0791	1.014
188	1.1231	1.0552	0.9913
189	1.0985	1.0319	0.9691
190	1.0746	1.0091	0.9476
191	1.0512	0.987	0.9266
192	1.0285	0.9654	0.9061
193	1.0063	0.9443	0.8861
194	0.9846	0.9238	0.8667
195	0.9635	0.9038	0.8478
196	0.943	0.8844	0.8293
197	0.9229	0.8654	0.8113
198	0.9033	0.8468	0.7938
199	0.8843	0.8288	0.7767
200	0.8657	0.8112	0.76
201	0.8475	0.794	0.7438
202	0.8298	0.7772	0.7279
203	0.8125	0.7609	0.7125
204	0.7957	0.7449	0.6974
205	0.7792	0.7294	0.6827
206	0.7632	0.7142	0.6683
207	0.7475	0.6994	0.6543
208	0.7322	0.685	0.6407
209	0.7173	0.6708	0.6274
210	0.7027	0.6571	0.6144
211	0.6885	0.6437	0.6017
212	0.6746	0.6305	0.5893
213	0.661	0.6177	0.5772
214	0.6478	0.6052	0.5654
215	0.6349	0.593	0.5539
216	0.6222	0.5811	0.5427
217	0.6099	0.5695	0.5317
218	0.5979	0.5581	0.521



Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
219	0.5861	0.547	0.5105
220	0.5746	0.5362	0.5003
221	0.5634	0.5256	0.4903
222	0.5524	0.5153	0.4806
223	0.5417	0.5052	0.4711
224	0.5312	0.4953	0.4618
225	0.5209	0.4856	0.4527
226	0.5109	0.4762	0.4438
227	0.5011	0.467	0.4352
228	0.4916	0.458	0.4267
229	0.4822	0.4492	0.4184
230	0.4731	0.4406	0.4103
231	0.4642	0.4322	0.4024
232	0.4554	0.424	0.3947
233	0.4469	0.4159	0.3871
234	0.4385	0.4081	0.3797
235	0.4303	0.4004	0.3725
236	0.4223	0.3929	0.3655
237	0.4145	0.3856	0.3586
238	0.4069	0.3784	0.3518
239	0.3994	0.3713	0.3452
240	0.3921	0.3645	0.3388
241	0.3849	0.3578	0.3325
242	0.3779	0.3512	0.3263
243	0.3711	0.3447	0.3203
244	0.3644	0.3384	0.3143
245	0.3578	0.3323	0.3086
246	0.3514	0.3263	0.3029
247	0.3451	0.3204	0.2974
248	0.3389	0.3146	0.292
249	0.3329	0.3089	0.2867
250	0.327	0.3034	0.2815
251	0.3212	0.298	0.2764
252	0.3156	0.2927	0.2715
253	0.31	0.2875	0.2666
254	0.3046	0.2824	0.2619
255	0.2993	0.2775	0.2572
256	0.2941	0.2726	0.2526
257	0.289	0.2678	0.2482
258	0.284	0.2632	0.2438
259	0.2791	0.2586	0.2395
260	0.2744	0.2541	0.2353



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Temp (°C)	Rmax (KΩ)	Rcent (KΩ)	Rmin (KΩ)
261	0.2697	0.2497	0.2312
262	0.2651	0.2454	0.2272
263	0.2606	0.2412	0.2233
264	0.2562	0.2371	0.2194
265	0.2519	0.2331	0.2157
266	0.2476	0.2291	0.212
267	0.2435	0.2252	0.2084
268	0.2394	0.2214	0.2048
269	0.2354	0.2177	0.2013
270	0.2315	0.2141	0.1979
271	0.2277	0.2105	0.1946
272	0.2239	0.207	0.1913
273	0.2203	0.2036	0.1881
274	0.2167	0.2002	0.185
275	0.2131	0.1969	0.1819
276	0.2097	0.1937	0.1789
277	0.2063	0.1905	0.1759
278	0.2029	0.1874	0.173
279	0.1996	0.1843	0.1702
280	0.1964	0.1813	0.1674
281	0.1933	0.1784	0.1646
282	0.1902	0.1755	0.162
283	0.1872	0.1727	0.1593
284	0.1842	0.1699	0.1568
285	0.1813	0.1672	0.1542
286	0.1785	0.1646	0.1518
287	0.1757	0.162	0.1493
288	0.1729	0.1594	0.1469
289	0.1702	0.1569	0.1446
290	0.1676	0.1544	0.1423
291	0.165	0.152	0.1401
292	0.1624	0.1496	0.1379
293	0.1599	0.1473	0.1357
294	0.1575	0.145	0.1336
295	0.1551	0.1428	0.1315
296	0.1527	0.1406	0.1294
297	0.1504	0.1384	0.1274
298	0.1481	0.1363	0.1255
299	0.1459	0.1342	0.1235
300	0.1437	0.1322	0.1216