

NTC 10k RT Table

No-load resistance at 25°C	10.000 ohm
Resistance tolerance at 25°C	± 1%
Beta(25/85) Constant	3977K ± 1%
Operating temperature range	-40°C ÷ 125°C

T(°C)	Min. R	Mean. R	Max. R	T(°C)	Min. R	Mean. R	Max. R
-40	319,451	334,202	349,599	-10	54,305	55,805	57,340
-39	299,641	313,275	327,496	-9	51,458	52,850	54,275
-38	281,155	293,759	306,897	-8	48,776	50,069	51,391
-37	263,900	275,554	287,694	-7	46,249	47,449	48,676
-36	247,789	258,566	269,786	-6	43,867	44,981	46,119
-35	232,740	242,710	253,081	-5	41,621	42,655	43,712
-34	218,681	227,905	237,494	-4	39,502	40,463	41,443
-33	205,542	214,077	222,945	-3	37,504	38,396	39,305
-32	193,258	201,158	209,360	-2	35,617	36,445	37,289
-31	181,771	189,085	196,673	-1	33,837	34,605	35,388
-30	171,026	177,797	184,819	0	32,155	32,869	33,595
-29	160,971	167,242	173,740	1	30,566	31,229	31,902
-28	151,559	157,368	163,383	2	29,065	29,680	30,305
-27	142,747	148,128	153,697	3	27,646	28,217	28,796
-26	134,493	139,479	144,635	4	26,305	26,834	27,371
-25	126,759	131,380	136,156	5	25,036	25,527	26,025
-24	119,512	123,795	128,219	6	23,836	24,291	24,753
-23	112,717	116,687	120,786	7	22,699	23,122	23,550
-22	106,345	110,026	113,823	8	21,624	22,015	22,412
-21	100,367	103,781	107,300	9	20,606	20,968	21,336
-20	94,757	97,923	101,185	10	19,641	19,977	20,317
-19	89,491	92,428	95,452	11	18,727	19,038	19,353
-18	84,547	87,271	90,074	12	17,861	18,149	18,440
-17	79,902	82,430	85,029	13	17,039	17,306	17,575
-16	75,538	77,883	80,293	14	16,261	16,507	16,756
-15	71,436	73,612	75,848	15	15,522	15,750	15,980
-14	67,579	69,599	71,672	16	14,821	15,032	15,244
-13	63,952	65,827	67,750	17	14,155	14,350	14,546
-12	60,540	62,280	64,064	18	13,524	13,703	13,884
-11	57,328	58,944	60,599	19	12,924	13,090	13,256

T(°C)	Min. R	Mean. R	Max. R
20	12,354	12,507	12,660
21	11,812	11,953	12,094
22	11,298	11,427	11,557
23	10,808	10,927	11,046
24	10,343	10,452	10,561
25	9,900	10,000	10,100
26	9,470	9,570	9,670
27	9,062	9,161	9,261
28	8,673	8,772	8,872
29	8,303	8,402	8,501
30	7,951	8,049	8,147
31	7,616	7,713	7,811
32	7,297	7,393	7,490
33	6,993	7,088	7,184
34	6,704	6,798	6,892
35	6,428	6,521	6,614
36	6,165	6,256	6,349
37	5,914	6,004	6,095
38	5,675	5,764	5,854
39	5,447	5,534	5,623
40	5,229	5,315	5,402
41	5,021	5,106	5,192
42	4,822	4,906	4,990
43	4,633	4,715	4,798
44	4,452	4,533	4,614
45	4,279	4,358	4,438
46	4,114	4,191	4,270
47	3,955	4,032	4,109
48	3,804	3,879	3,955
49	3,660	3,733	3,808
50	3,522	3,594	3,667
51	3,389	3,460	3,532
52	3,263	3,332	3,403
53	3,142	3,210	3,279
54	3,025	3,092	3,160
55	2,914	2,980	3,046
56	2,808	2,872	2,937
57	2,706	2,768	2,832
58	2,608	2,669	2,732
59	2,514	2,574	2,636

T(°C)	Min. R	Mean. R	Max. R
60	2,424	2,483	2,543
61	2,338	2,396	2,455
62	2,256	2,312	2,369
63	2,176	2,231	2,288
64	2,100	2,154	2,209
65	2,027	2,080	2,134
66	1,957	2,009	2,061
67	1,889	1,940	1,992
68	1,825	1,874	1,925
69	1,763	1,811	1,861
70	1,703	1,750	1,799
71	1,645	1,692	1,739
72	1,590	1,636	1,682
73	1,537	1,582	1,627
74	1,486	1,530	1,574
75	1,437	1,480	1,523
76	1,390	1,431	1,474
77	1,344	1,385	1,427
78	1,301	1,340	1,381
79	1,259	1,298	1,338
80	1,218	1,256	1,295
81	1,179	1,216	1,255
82	1,141	1,178	1,215
83	1,105	1,141	1,178
84	1,070	1,105	1,141
85	1,037	1,071	1,106
86	1,004	1,038	1,072
87	0,973	1,006	1,039
88	0,943	0,975	1,008
89	0,914	0,945	0,977
90	0,886	0,916	0,948
91	0,859	0,889	0,920
92	0,833	0,862	0,892
93	0,807	0,836	0,866
94	0,783	0,811	0,840
95	0,760	0,787	0,815
96	0,737	0,764	0,792
97	0,715	0,741	0,769
98	0,694	0,720	0,746
99	0,674	0,699	0,725

T(°C)	Min. R	Mean. R	Max. R
100	0,654	0,678	0,704
101	0,635	0,659	0,684
102	0,616	0,640	0,664
103	0,599	0,622	0,646
104	0,581	0,604	0,627
105	0,565	0,587	0,610
106	0,549	0,570	0,593
107	0,533	0,554	0,576
108	0,518	0,539	0,560
109	0,503	0,524	0,545
110	0,489	0,509	0,530
111	0,475	0,495	0,515
112	0,462	0,481	0,501
113	0,449	0,468	0,487
114	0,437	0,455	0,474
115	0,425	0,443	0,462
116	0,413	0,431	0,449
117	0,402	0,419	0,437
118	0,391	0,408	0,425
119	0,381	0,397	0,414
120	0,370	0,386	0,403
121	0,360	0,376	0,393
122	0,351	0,366	0,382
123	0,341	0,357	0,372
124	0,332	0,347	0,363
125	0,324	0,338	0,353