

RTD Temperature Vs. Resistance Table

PLATINUM : PB TCR = 0.00391

$R_0 = 100$

A = 0.0039692 B = -5.8495E-07 C = -4.2325E-12

Values are in Ohms

Temp °C	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-200	17.2604									
-190	21.6316	21.1961	20.7603	20.3240	19.8875	19.4505	19.0132	18.5756	18.1375	17.6992
-180	25.9680	25.5359	25.1034	24.6706	24.2375	23.8040	23.3703	22.9361	22.5016	22.0668
-170	30.2716	29.8427	29.4134	28.9839	28.5540	28.1238	27.6933	27.2624	26.8313	26.3998
-160	34.5446	34.1186	33.6924	33.2658	32.8390	32.4118	31.9844	31.5567	31.1286	30.7003
-150	38.7887	38.3656	37.9421	37.5184	37.0944	36.6701	36.2456	35.8208	35.3957	34.9703
-140	43.0060	42.5854	42.1646	41.7435	41.3222	40.9006	40.4788	40.0567	39.6343	39.2117
-130	47.1980	46.7798	46.3615	45.9429	45.5241	45.1050	44.6857	44.2661	43.8463	43.4263
-120	51.3664	50.9505	50.5345	50.1182	49.7017	49.2850	48.8681	48.4509	48.0335	47.6158
-110	55.5127	55.0990	54.6851	54.2710	53.8567	53.4422	53.0275	52.6125	52.1974	51.7820
-100	59.6384	59.2267	58.8148	58.4028	57.9905	57.5780	57.1654	56.7525	56.3395	55.9262
-90	63.7448	63.3350	62.9250	62.5148	62.1045	61.6939	61.2832	60.8723	60.4612	60.0499
-80	67.8330	67.4250	67.0168	66.6084	66.1998	65.7911	65.3822	64.9731	64.5638	64.1544
-70	71.9043	71.4979	71.0913	70.6846	70.2778	69.8707	69.4635	69.0561	68.6486	68.2409
-60	75.9596	75.5548	75.1498	74.7446	74.3393	73.9339	73.5283	73.1225	72.7166	72.3105
-50	79.9998	79.5965	79.1929	78.7893	78.3855	77.9815	77.5774	77.1732	76.7688	76.3643
-40	84.0258	83.6238	83.2217	82.8195	82.4171	82.0146	81.6119	81.2091	80.8061	80.4031
-30	88.0383	87.6376	87.2368	86.8359	86.4349	86.0337	85.6324	85.2309	84.8294	84.4277
-20	92.0378	91.6384	91.2389	90.8393	90.4395	90.0396	89.6396	89.2395	88.8392	88.4388
-10	96.0249	95.6267	95.2285	94.8300	94.4315	94.0329	93.6341	93.2352	92.8362	92.4371
-0	100.000	99.6030	99.2059	98.8087	98.4114	98.0139	97.6164	97.2187	96.8209	96.4229

Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	100.000	100.397	100.794	101.190	101.587	101.983	102.379	102.776	103.172	103.568
10	103.963	104.359	104.755	105.150	105.545	105.941	106.336	106.731	107.126	107.520
20	107.915	108.310	108.704	109.098	109.492	109.886	110.280	110.674	111.068	111.461
30	111.855	112.248	112.642	113.035	113.428	113.821	114.213	114.606	114.998	115.391
40	115.783	116.175	116.567	116.959	117.351	117.743	118.135	118.526	118.917	119.309
50	119.700	120.091	120.482	120.872	121.263	121.654	122.044	122.434	122.825	123.215
60	123.605	123.994	124.384	124.774	125.163	125.553	125.942	126.331	126.720	127.109
70	127.498	127.886	128.275	128.663	129.052	129.440	129.828	130.216	130.604	130.992
80	131.379	131.767	132.154	132.541	132.929	133.316	133.702	134.089	134.476	134.863
90	135.249	135.635	136.022	136.408	136.794	137.179	137.565	137.951	138.336	138.722

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
100	139.107	139.492	139.877	140.262	140.647	141.032	141.416	141.801	142.185	142.569
110	142.953	143.337	143.721	144.105	144.489	144.872	145.256	145.639	146.022	146.405
120	146.788	147.171	147.554	147.936	148.319	148.701	149.083	149.465	149.847	150.229
130	150.611	150.993	151.374	151.756	152.137	152.518	152.899	153.280	153.661	154.042
140	154.422	154.803	155.183	155.563	155.944	156.324	156.703	157.083	157.463	157.842
150	158.222	158.601	158.980	159.359	159.738	160.117	160.496	160.875	161.253	161.631
160	162.010	162.388	162.766	163.144	163.522	163.899	164.277	164.654	165.032	165.409
170	165.786	166.163	166.540	166.916	167.293	167.670	168.046	168.422	168.798	169.174
180	169.550	169.926	170.302	170.677	171.053	171.428	171.803	172.179	172.554	172.928
190	173.303	173.678	174.052	174.427	174.801	175.175	175.549	175.923	176.297	176.671
200	177.044	177.418	177.791	178.164	178.537	178.910	179.283	179.656	180.029	180.401
210	180.774	181.146	181.518	181.890	182.262	182.634	183.006	183.377	183.749	184.120
220	184.491	184.862	185.233	185.604	185.975	186.346	186.716	187.087	187.457	187.827
230	188.197	188.567	188.937	189.307	189.676	190.046	190.415	190.784	191.154	191.523
240	191.891	192.260	192.629	192.997	193.366	193.734	194.102	194.471	194.838	195.206
250	195.574	195.942	196.309	196.677	197.044	197.411	197.778	198.145	198.512	198.878
260	199.245	199.611	199.978	200.344	200.710	201.076	201.442	201.808	202.173	202.539
270	202.904	203.269	203.635	204.000	204.365	204.729	205.094	205.459	205.823	206.187
280	206.552	206.916	207.280	207.644	208.007	208.371	208.734	209.098	209.461	209.824
290	210.187	210.550	210.913	211.276	211.638	212.001	212.363	212.725	213.088	213.450
300	213.811	214.173	214.535	214.896	215.258	215.619	215.980	216.341	216.702	217.063
310	217.424	217.784	218.145	218.505	218.866	219.226	219.586	219.946	220.305	220.665
320	221.025	221.384	221.743	222.102	222.462	222.820	223.179	223.538	223.897	224.255
330	224.613	224.972	225.330	225.688	226.046	226.404	226.761	227.119	227.476	227.834
340	228.191	228.548	228.905	229.262	229.618	229.975	230.332	230.688	231.044	231.400
350	231.756	232.112	232.468	232.824	233.179	233.535	233.890	234.245	234.600	234.955
360	235.310	235.665	236.020	236.374	236.729	237.083	237.437	237.791	238.145	238.499
370	238.852	239.206	239.559	239.913	240.266	240.619	240.972	241.325	241.678	242.030
380	242.383	242.735	243.088	243.440	243.792	244.144	244.496	244.847	245.199	245.550
390	245.902	246.253	246.604	246.955	247.306	247.657	248.007	248.358	248.708	249.059
400	249.409	249.759	250.109	250.459	250.808	251.158	251.507	251.857	252.206	252.555
410	252.904	253.253	253.602	253.951	254.299	254.647	254.996	255.344	255.692	256.040
420	256.388	256.736	257.083	257.431	257.778	258.125	258.472	258.820	259.166	259.513
430	259.860	260.206	260.553	260.899	261.245	261.591	261.937	262.283	262.629	262.975

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
440	263.320	263.666	264.011	264.356	264.701	265.046	265.391	265.735	266.080	266.424
450	266.769	267.113	267.457	267.801	268.145	268.489	268.832	269.176	269.519	269.862
460	270.206	270.549	270.892	271.234	271.577	271.920	272.262	272.605	272.947	273.289
470	273.631	273.973	274.314	274.656	274.998	275.339	275.680	276.022	276.363	276.704
480	277.044	277.385	277.726	278.066	278.406	278.747	279.087	279.427	279.767	280.106
490	280.446	280.786	281.125	281.464	281.804	282.143	282.482	282.820	283.159	283.498
500	283.836	284.175	284.513	284.851	285.189	285.527	285.865	286.202	286.540	286.877
510	287.215	287.552	287.889	288.226	288.563	288.899	289.236	289.573	289.909	290.245
520	290.581	290.917	291.253	291.589	291.925	292.260	292.596	292.931	293.266	293.601
530	293.936	294.271	294.606	294.941	295.275	295.609	295.944	296.278	296.612	296.946
540	297.280	297.613	297.947	298.280	298.614	298.947	299.280	299.613	299.946	300.279
550	300.611	300.944	301.276	301.608	301.941	302.273	302.605	302.936	303.268	303.600
560	303.931	304.263	304.594	304.925	305.256	305.587	305.917	306.248	306.579	306.909
570	307.239	307.570	307.900	308.230	308.559	308.889	309.219	309.548	309.878	310.207
580	310.536	310.865	311.194	311.523	311.851	312.180	312.508	312.836	313.165	313.493
590	313.821	314.149	314.476	314.804	315.131	315.459	315.786	316.113	316.440	316.767
600	317.094	317.420	317.747	318.073	318.400	318.726	319.052	319.378	319.704	320.030
610	320.355	320.681	321.006	321.331	321.656	321.982	322.306	322.631	322.956	323.280
620	323.605	323.929	324.253	324.578	324.902	325.225	325.549	325.873	326.196	326.520
630	326.843									