

RTD Temperature Vs. Resistance Table

PLATINUM : PN TCR = 0.00385

$R_0 = 200$

A = 0.0039083 B = -5.775E-07 C = -4.183E-12

Values are in Ohms

Temp °C	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-200	37.0402									
-190	45.6510	44.7931	43.9345	43.0752	42.2152	41.3544	40.4930	39.6309	38.7680	37.9045
-180	54.1929	53.3417	52.4898	51.6373	50.7841	49.9303	49.0757	48.2206	47.3647	46.5082
-170	62.6701	61.8252	60.9796	60.1335	59.2867	58.4393	57.5913	56.7426	55.8934	55.0434
-160	71.0867	70.2476	69.4080	68.5678	67.7271	66.8857	66.0438	65.2013	64.3581	63.5144
-150	79.4464	78.6129	77.7788	76.9442	76.1091	75.2734	74.4372	73.6004	72.7630	71.9251
-140	87.7528	86.9245	86.0956	85.2663	84.4364	83.6060	82.7752	81.9437	81.1118	80.2794
-130	96.0095	95.1860	94.3620	93.5375	92.7126	91.8872	91.0613	90.2349	89.4081	88.5807
-120	104.220	103.401	102.581	101.761	100.941	100.120	99.2989	98.4773	97.6551	96.8326
-110	112.386	111.571	110.756	109.940	109.124	108.308	107.491	106.674	105.856	105.038
-100	120.512	119.701	118.890	118.078	117.266	116.454	115.641	114.828	114.014	113.200
-90	128.599	127.792	126.985	126.177	125.369	124.560	123.751	122.942	122.132	121.322
-80	136.651	135.847	135.043	134.239	133.434	132.629	131.824	131.018	130.212	129.406
-70	144.669	143.869	143.068	142.267	141.466	140.664	139.862	139.060	138.257	137.454
-60	152.656	151.858	151.061	150.263	149.465	148.666	147.867	147.068	146.269	145.469
-50	160.613	159.818	159.023	158.229	157.433	156.638	155.842	155.046	154.249	153.453
-40	168.541	167.750	166.958	166.166	165.373	164.580	163.787	162.994	162.201	161.407
-30	176.443	175.654	174.865	174.075	173.286	172.496	171.705	170.915	170.124	169.333
-20	184.320	183.533	182.746	181.959	181.172	180.385	179.597	178.809	178.021	177.232
-10	192.172	191.388	190.603	189.819	189.034	188.249	187.463	186.678	185.892	185.106
-0	200.000	199.218	198.436	197.654	196.872	196.089	195.306	194.523	193.739	192.956

Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	200.000	200.782	201.563	202.344	203.125	203.905	204.686	205.466	206.246	207.026
10	207.805	208.584	209.363	210.142	210.921	211.699	212.477	213.255	214.032	214.810
20	215.587	216.364	217.141	217.917	218.693	219.469	220.245	221.021	221.796	222.571
30	223.346	224.120	224.895	225.669	226.443	227.217	227.990	228.763	229.536	230.309
40	231.082	231.854	232.626	233.398	234.169	234.941	235.712	236.483	237.254	238.024
50	238.794	239.564	240.334	241.104	241.873	242.642	243.411	244.179	244.948	245.716
60	246.484	247.251	248.019	248.786	249.553	250.320	251.086	251.853	252.619	253.385
70	254.150	254.916	255.681	256.446	257.210	257.975	258.739	259.503	260.267	261.030
80	261.794	262.557	263.319	264.082	264.844	265.607	266.369	267.130	267.892	268.653
90	269.414	270.175	270.935	271.695	272.455	273.215	273.975	274.734	275.493	276.252

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
100	277.011	277.769	278.528	279.286	280.043	280.801	281.558	282.315	283.072	283.829
110	284.585	285.341	286.097	286.853	287.608	288.363	289.118	289.873	290.628	291.382
120	292.136	292.890	293.643	294.397	295.150	295.903	296.655	297.408	298.160	298.912
130	299.664	300.415	301.167	301.918	302.669	303.419	304.169	304.920	305.669	306.419
140	307.169	307.918	308.667	309.416	310.164	310.912	311.660	312.408	313.156	313.903
150	314.650	315.397	316.144	316.890	317.636	318.382	319.128	319.874	320.619	321.364
160	322.109	322.853	323.598	324.342	325.086	325.829	326.573	327.316	328.059	328.802
170	329.544	330.287	331.029	331.770	332.512	333.253	333.994	334.735	335.476	336.216
180	336.957	337.697	338.436	339.176	339.915	340.654	341.393	342.132	342.870	343.608
190	344.346	345.084	345.821	346.558	347.295	348.032	348.768	349.505	350.241	350.976
200	351.712	352.447	353.182	353.917	354.652	355.386	356.121	356.855	357.588	358.322
210	359.055	359.788	360.521	361.253	361.986	362.718	363.450	364.181	364.913	365.644
220	366.375	367.106	367.836	368.566	369.297	370.026	370.756	371.485	372.214	372.943
230	373.672	374.400	375.128	375.856	376.584	377.312	378.039	378.766	379.493	380.219
240	380.946	381.672	382.398	383.123	383.849	384.574	385.299	386.023	386.748	387.472
250	388.196	388.920	389.644	390.367	391.090	391.813	392.536	393.258	393.980	394.702
260	395.424	396.145	396.867	397.588	398.308	399.029	399.749	400.469	401.189	401.909
270	402.628	403.347	404.066	404.785	405.504	406.222	406.940	407.658	408.375	409.093
280	409.810	410.526	411.243	411.960	412.676	413.392	414.107	414.823	415.538	416.253
290	416.968	417.682	418.397	419.111	419.825	420.538	421.252	421.965	422.678	423.391
300	424.103	424.815	425.527	426.239	426.951	427.662	428.373	429.084	429.794	430.505
310	431.215	431.925	432.635	433.344	434.053	434.762	435.471	436.180	436.888	437.596
320	438.304	439.012	439.719	440.426	441.133	441.840	442.546	443.253	443.959	444.664
330	445.370	446.075	446.780	447.485	448.190	448.894	449.598	450.302	451.006	451.709
340	452.413	453.116	453.818	454.521	455.223	455.925	456.627	457.329	458.030	458.731
350	459.432	460.133	460.833	461.534	462.234	462.933	463.633	464.332	465.031	465.730
360	466.429	467.127	467.825	468.523	469.221	469.918	470.616	471.313	472.009	472.706
370	473.402	474.098	474.794	475.490	476.185	476.880	477.575	478.270	478.964	479.659
380	480.353	481.046	481.740	482.433	483.126	483.819	484.512	485.204	485.896	486.588
390	487.280	487.971	488.663	489.354	490.044	490.735	491.425	492.115	492.805	493.495
400	494.184	494.873	495.562	496.251	496.939	497.627	498.315	499.003	499.691	500.378
410	501.065	501.752	502.438	503.125	503.811	504.497	505.183	505.868	506.553	507.238
420	507.923	508.608	509.292	509.976	510.660	511.343	512.027	512.710	513.393	514.075
430	514.758	515.440	516.122	516.804	517.485	518.167	518.848	519.529	520.209	520.889

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440	521.570	522.250	522.929	523.609	524.288	524.967	525.646	526.324	527.002	527.680
450	528.358	529.036	529.713	530.390	531.067	531.744	532.420	533.097	533.773	534.448
460	535.124	535.799	536.474	537.149	537.824	538.498	539.172	539.846	540.520	541.193
470	541.866	542.539	543.212	543.884	544.557	545.229	545.901	546.572	547.244	547.915
480	548.586	549.256	549.927	550.597	551.267	551.937	552.606	553.275	553.944	554.613
490	555.282	555.950	556.618	557.286	557.954	558.621	559.289	559.955	560.622	561.289
500	561.955	562.621	563.287	563.952	564.618	565.283	565.948	566.612	567.277	567.941
510	568.605	569.269	569.932	570.596	571.259	571.921	572.584	573.246	573.908	574.570
520	575.232	575.893	576.555	577.216	577.876	578.537	579.197	579.857	580.517	581.177
530	581.836	582.495	583.154	583.813	584.471	585.129	585.787	586.445	587.102	587.760
540	588.417	589.073	589.730	590.386	591.042	591.698	592.354	593.009	593.665	594.320
550	594.974	595.629	596.283	596.937	597.591	598.244	598.898	599.551	600.204	600.856
560	601.509	602.161	602.813	603.465	604.116	604.767	605.418	606.069	606.720	607.370
570	608.020	608.670	609.320	609.969	610.618	611.267	611.916	612.565	613.213	613.861
580	614.509	615.156	615.803	616.451	617.097	617.744	618.391	619.037	619.683	620.328
590	620.974	621.619	622.264	622.909	623.553	624.198	624.842	625.486	626.129	626.773
600	627.416	628.059	628.702	629.344	629.986	630.628	631.270	631.912	632.553	633.194
610	633.835	634.476	635.116	635.756	636.396	637.036	637.675	638.315	638.954	639.592
620	640.231	640.869	641.507	642.145	642.783	643.420	644.057	644.694	645.331	645.968
630	646.604									