

**TABLE 36 120Ω Nickel RTD — 0.00672 coefficient**  
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
-110	67.32	66.96	66.60									-110
-100	70.93	70.57	70.21	69.85	69.49	69.13	68.77	68.41	68.04	67.68	67.32	-100
-90	74.55	74.19	73.83	73.46	73.10	72.74	72.38	72.02	71.66	71.30	70.93	-90
-80	78.17	77.81	77.45	77.08	76.72	76.36	76.00	75.64	75.27	74.91	74.55	-80
-70	81.80	81.43	81.07	80.71	80.35	79.98	79.62	79.26	78.89	78.53	78.17	-70
-60	85.44	85.07	84.71	84.34	83.98	83.62	83.25	82.89	82.52	82.16	81.80	-60
-50	89.09	88.72	88.36	87.99	87.62	87.26	86.89	86.53	86.16	85.80	85.44	-50
-40	92.76	92.39	92.02	91.65	91.29	90.92	90.55	90.19	89.82	89.45	89.09	-40
-30	96.44	96.07	95.70	95.33	94.97	94.60	94.23	93.86	93.49	93.12	92.76	-30
-20	100.15	99.78	99.41	99.04	98.67	98.30	97.92	97.55	97.18	96.81	96.44	-20
-10	103.89	103.52	103.14	102.77	102.39	102.02	101.65	101.27	100.90	100.53	100.15	-10
0	107.66	107.28	106.91	106.53	106.15	105.77	105.40	105.02	104.64	104.27	103.89	0
0	107.66	108.04	108.42	108.80	109.18	109.56	109.94	110.32	110.70	111.09	111.47	0
10	111.47	111.85	112.23	112.62	113.00	113.39	113.77	114.16	114.54	114.93	115.32	10
20	115.32	115.71	116.09	116.48	116.87	117.26	117.65	118.04	118.43	118.82	119.21	20
30	119.21	119.61	120.00	120.39	120.79	121.18	121.58	121.97	122.37	122.77	123.16	30
40	123.16	123.56	123.96	124.36	124.76	125.16	125.56	125.96	126.36	126.76	127.17	40
50	127.17	127.57	127.98	128.38	128.79	129.19	129.60	130.00	130.41	130.82	131.23	50
60	131.23	131.64	132.05	132.46	132.87	133.28	133.69	134.11	134.52	134.93	135.35	60
70	135.35	135.76	136.18	136.59	137.01	137.43	137.85	138.26	138.68	139.10	139.52	70
80	139.52	139.95	140.37	140.79	141.21	141.64	142.06	142.48	142.91	143.34	143.76	80
90	143.76	144.19	144.62	145.05	145.48	145.90	146.34	146.77	147.20	147.63	148.06	90
100	148.06	148.50	148.93	149.37	149.80	150.24	150.67	151.11	151.55	151.99	152.43	100
110	152.43	152.87	153.31	153.75	154.19	154.63	155.07	155.52	155.96	156.41	156.85	110
120	156.85	157.30	157.75	158.19	158.64	159.09	159.54	159.99	160.44	160.89	161.34	120
130	161.34	161.80	162.25	162.70	163.16	163.61	164.07	164.53	164.98	165.44	165.90	130
140	165.90	166.36	166.82	167.28	167.74	168.20	168.67	169.13	169.59	170.06	170.52	140
150	170.52	170.99	171.46	171.92	172.39	172.86	173.33	173.80	174.27	174.74	175.21	150
160	175.21	175.68	176.16	176.63	177.10	177.58	178.06	178.53	179.01	179.49	179.97	160
170	179.97	180.44	180.92	181.40	181.89	182.37	182.85	183.33	183.82	184.30	184.78	170
180	184.78	185.27	185.76	186.24	186.73	187.22	187.71	188.20	188.69	189.18	189.67	180
190	189.67	190.16	190.65	191.15	191.64	192.13	192.63	193.12	193.62	194.12	194.62	190
200	194.62	195.11	195.61	196.11	196.61	197.11	197.62	198.12	198.62	199.12	199.63	200
210	199.63	200.13	200.64	201.15	201.65	202.16	202.67	203.18	203.69	204.20	204.71	210
220	204.71	205.22	205.73	206.24	206.76	207.27	207.79	208.30	208.82	209.34	209.85	220
230	209.85	210.37	210.89	211.41	211.93	212.45	212.97	213.50	214.02	214.54	215.07	230
240	215.07	215.59	216.12	216.65	217.17	217.70	218.23	218.76	219.29	219.82	220.35	240
250	220.35	220.88	221.42	221.95	222.48	223.02	223.56	224.09	224.63	225.17	225.70	250
260	225.70	226.24	226.78	227.32	227.87	228.41	228.95	229.49	230.04	230.58	231.13	260
270	231.13	231.67	232.22	232.77	233.32	233.86	234.41	234.96	235.52	236.07	236.62	270
280	236.62	237.17	237.73	238.28	238.84	239.39	239.95	240.51	241.06	241.62	242.18	280
290	242.18	242.74	243.30	243.86	244.43	244.99	245.55	246.12	246.68	247.25	247.82	290
300	247.82	248.38	248.95	249.52	250.09	250.66	251.23	251.80	252.37	252.94	253.52	300
310	253.52	254.09	254.67	255.24	255.82	256.40	256.98	257.55	258.13	258.71	259.30	310
320	259.30	259.88	260.46	261.04	261.63	262.21	262.80	263.39	263.97	264.56	265.15	320
330	265.15	265.74	266.33	266.92	267.52	268.11	268.70	269.30	269.89	270.49	271.09	330
340	271.09	271.69	272.29	272.89	273.49	274.09	274.69	275.30	275.90	276.51	277.11	340

**TABLE 36 120 Ω Nickel RTD — 0.00672 coefficient**  
*temperature in °F*

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
350	277.11	277.72	278.33	278.94	279.55	280.16	280.77	281.38	282.00	282.61	283.23	350
360	283.23	283.84	284.46	285.08	285.70	286.32	286.94	287.56	288.19	288.81	289.44	360
370	289.44	290.06	290.69	291.32	291.95	292.58	293.21	293.84	294.48	295.11	295.75	370
380	295.75	296.38	297.02	297.66	298.30	298.94	299.58	300.22	300.87	301.51	302.16	380
390	302.16	302.81	303.45	304.10	304.75	305.41	306.06	306.71	307.37	308.02	308.68	390
400	308.68	309.34	310.00	310.66	311.32	311.98	312.64	313.31	313.97	314.64	315.31	400
410	315.31	315.98	316.65	317.32	317.99	318.67	319.34	320.02	320.70	321.38	322.06	410
420	322.06	322.74	323.42	324.10	324.79	325.47	326.16	326.85	327.54	328.23	328.92	420
430	328.92	329.61	330.30	331.00	331.70	332.39	333.09	333.79	334.49	335.19	335.90	430
440	335.90	336.60	337.31	338.02	338.72	339.43	340.14	340.86	341.57	342.28	343.00	440
450	343.00	343.71	344.43	345.15	345.87	346.59	347.32	348.04	348.76	349.49	350.22	450
460	350.22	350.95	351.68	352.41	353.14	353.87	354.61	355.34	356.08	356.82	357.56	460
470	357.56	358.30	359.04	359.79	360.53	361.28	362.02	362.77	363.52	364.27	365.02	470
480	365.02	365.78	366.53	367.29	368.04	368.80	369.56	370.32	371.08	371.84	372.61	480
490	372.61	373.37	374.14	374.91	375.67	376.44	377.21	377.99	378.76	379.53	380.31	490
500	380.31											500