TABLE 34 ***10 Ω Copper RTD*** *— 0.00427 coefficient*
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
						Resistance in Ohms						
-320	1.242	1.219	1.196	1.173	1.150	1.127	1.104	1.081	1.058			-320
-310	1.472	1.449	1.426	1.403	1.380	1.357	1.334	1.311	1.288	1.265	1.242	-310
-300	1.701	1.678	1.655	1.632	1.609	1.587	1.564	1.541	1.518	1.495	1.472	-300
-290	1.930	1.907	1.884	1.861	1.839	1.816	1.793	1.770	1.747	1.724	1.701	-290
-280	2.158	2.136	2.113	2.090	2.067	2.044	2.021	1.999	1.976	1.953	1.930	-280
-270	2.386	2.364	2.341	2.318	2.295	2.272	2.250	2.227	2.204	2.181	2.158	-270
-260	2.614	2.591	2.568	2.546	2.523	2.500	2.477	2.455	2.432	2.409	2.386	-260
-250	2.841	2.818	2.795	2.773	2.750	2.727	2.705	2.682	2.659	2.637	2.614	-250
-240	3.067	3.045	3.022	2.999	2.977	2.954	2.931	2.909	2.886	2.863	2.841	-240
-230	3.293	3.271	3.248	3.226	3.203	3.180	3.158	3.135	3.113	3.090	3.067	-230
-220	3.519	3.496	3.474	3.451	3.429	3.406	3.384	3.361	3.338	3.316	3.293	-220
-210	3.744	3.721	3.699	3.676	3.654	3.631	3.609	3.586	3.564	3.541	3.519	-210
-200	3.968	3.946	3.923	3.901	3.879	3.856	3.834	3.811	3.789	3.766	3.744	-200
-190	4.192	4.170	4.148	4.125	4.103	4.080	4.058	4.036	4.013	3.991	3.968	-190
-180	4.416	4.394	4.371	4.349	4.327	4.304	4.282	4.259	4.237	4.215	4.192	-180
-170	4.639	4.617	4.594	4.572	4.550	4.527	4.505	4.483	4.461	4.438	4.416	-170
-160	4.862	4.839	4.817	4.795	4.773	4.750	4.728	4.706	4.684	4.661	4.639	-160
-150	5.084	5.061	5.039	5.017	4.995	4.973	4.950	4.928	4.906	4.884	4.862	-150
-140	5.305	5.283	5.261	5.239	5.217	5.195	5.172	5.150	5.128	5.106	5.084	-140
-130	5.526	5.504	5.482	5.460	5.438	5.416	5.394	5.372	5.350	5.327	5.305	-130
-120	5.747	5.725	5.703	5.681	5.659	5.637	5.615	5.593	5.571	5.548	5.526	-120
-110	5.967	5.945	5.923	5.901	5.879	5.857	5.835	5.813	5.791	5.769	5.747	-110
-100	6.187	6.165	6.143	6.121	6.099	6.077	6.055	6.033	6.011	5.989	5.967	-100
-90	6.406	6.384	6.362	6.340	6.318	6.296	6.275	6.253	6.231	6.209	6.187	-90
-80	6.625	6.603	6.581	6.559	6.537	6.515	6.494	6.472	6.450	6.428	6.406	-80
-70	6.843	6.821	6.799	6.777	6.756	6.734	6.712	6.690	6.668	6.647	6.625	-70
-60	7.061	7.039	7.017	6.995	6.974	6.952	6.930	6.908	6.886	6.865	6.843	-60
-50	7.276	7.254	7.233	7.211	7.190	7.168	7.147	7.126	7.104	7.082	7.061	-50
-40	7.490	7.469	7.447	7.426	7.404	7.383	7.362	7.340	7.319	7.297	7.276	-40
-30	7.705	7.683	7.662	7.640	7.619	7.598	7.576	7.555	7.533	7.512	7.490	-30
-20	7.919	7.898	7.876	7.855	7.834	7.812	7.791	7.769	7.748	7.726	7.705	-20
-10	8.134	8.112	8.091	8.070	8.048	8.027	8.005	7.984	7.962	7.941	7.919	-10
0	8.348	8.327	8.306	8.284	8.263	8.241	8.220	8.198	8.177	8.155	8.134	0
0	8.348	8.370	8.391	8.413	8.434	8.456	8.477	8.499	8.520	8.542	8.563	0
10	8.563	8.584	8.606	8.627	8.649	8.670	8.692	8.713	8.735	8.756	8.778	10
20	8.778	8.799	8.820	8.842	8.863	8.885	8.906	8.928	8.949	8.971	8.992	20
30	8.992	9.014	9.035	9.056	9.078	9.099	9.121	9.142	9.164	9.185	9.207	30
40	9.207	9.228	9.250	9.271	9.292	9.314	9.335	9.357	9.378	9.400	9.421	40
50	9.421	9.443	9.464	9.486	9.507	9.528	9.550	9.571	9.593	9.614	9.636	50
60	9.636	9.657	9.679	9.700	9.722	9.743	9.764	9.786	9.807	9.829	9.850	60
70	9.850	9.872	9.893	9.915	9.936	9.958	9.979	10.000	10.022	10.043	10.065	70
80	10.065	10.086	10.108	10.129	10.151	10.172	10.194	10.215	10.236	10.258	10.279	80
90	10.279	10.301	10.322	10.344	10.365	10.387	10.408	10.430	10.451	10.472	10.494	90
100	10.494	10.515	10.537	10.558	10.580	10.601	10.623	10.644	10.666	10.687	10.708	100
110	10.708	10.730	10.751	10.773	10.794	10.816	10.837	10.859	10.880	10.902	10.923	110
120	10.923	10.944	10.966	10.987	11.009	11.030	11.052	11.073	11.095	11.116	11.138	120
130	11.138	11.159	11.180	11.202	11.223	11.245	11.266	11.288	11.309	11.331	11.352	130
140	11.352	11.374	11.395	11.416	11.438	11.459	11.481	11.502	11.524	11.545	11.567	140

°F	0	1	2	3	4	5	6	7	8	9	10	°F

Cu°F

TABLE 34 10Ω *Copper RTD* — *0.00427 coefficient*
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
						Resistance in Ohms						
150	11.567	11.588	11.610	11.631	11.652	11.674	11.695	11.717	11.738	11.760	11.781	150
160	11.781	11.803	11.824	11.846	11.867	11.888	11.910	11.931	11.953	11.974	11.996	160
170	11.996	12.017	12.039	12.060	12.082	12.103	12.124	12.146	12.167	12.189	12.210	170
180	12.210	12.232	12.253	12.275	12.296	12.318	12.339	12.360	12.382	12.403	12.425	180
190	12.425	12.446	12.468	12.489	12.511	12.532	12.554	12.575	12.596	12.618	12.639	190
200	12.639	12.661	12.682	12.704	12.725	12.747	12.768	12.790	12.811	12.832	12.854	200
210	12.854	12.875	12.897	12.918	12.940	12.961	12.983	13.004	13.026	13.047	13.068	210
220	13.068	13.090	13.111	13.133	13.154	13.176	13.197	13.219	13.240	13.262	13.283	220
230	13.283	13.304	13.326	13.347	13.369	13.390	13.412	13.433	13.455	13.476	13.498	230
240	13.498	13.519	13.540	13.562	13.583	13.605	13.626	13.648	13.669	13.691	13.712	240
250	13.712	13.734	13.755	13.776	13.798	13.819	13.841	13.862	13.884	13.905	13.927	250
260	13.927	13.948	13.970	13.991	14.012	14.034	14.055	14.077	14.098	14.120	14.141	260
270	14.141	14.163	14.184	14.206	14.227	14.248	14.270	14.291	14.313	14.334	14.356	270
280	14.356	14.377	14.399	14.420	14.442	14.463	14.484	14.506	14.527	14.549	14.570	280
290	14.570	14.592	14.613	14.635	14.656	14.678	14.699	14.720	14.742	14.763	14.785	290
300	14.785	14.806	14.828	14.849	14.871	14.893	14.914	14.936	14.958	14.979	15.001	300
310	15.001	15.022	15.044	15.066	15.087	15.109	15.131	15.152	15.174	15.196	15.217	310
320	15.217	15.239	15.260	15.282	15.304	15.325	15.347	15.369	15.390	15.412	15.434	320
330	15.434	15.455	15.477	15.499	15.520	15.542	15.563	15.585	15.607	15.628	15.650	330
340	15.650	15.672	15.693	15.715	15.737	15.758	15.780	15.802	15.823	15.845	15.866	340
350	15.866	15.888	15.910	15.931	15.953	15.975	15.996	16.018	16.040	16.061	16.083	350
360	16.083	16.105	16.126	16.148	16.170	16.191	16.213	16.234	16.256	16.278	16.299	360
370	16.299	16.321	16.343	16.364	16.386	16.408	16.429	16.451	16.473	16.494	16.516	370
380	16.516	16.538	16.559	16.581	16.603	16.624	16.646	16.667	16.689	16.711	16.732	380
390	16.732	16.754	16.776	16.797	16.819	16.841	16.862	16.884	16.906	16.927	16.949	390
400	16.949	16.971	16.992	17.014	17.036	17.057	17.079	17.101	17.122	17.144	17.166	400
410	17.166	17.187	17.209	17.231	17.252	17.274	17.296	17.317	17.339	17.360	17.382	410
420	17.382	17.404	17.425	17.447	17.469	17.490	17.512	17.534	17.555	17.577	17.599	420
430	17.599	17.620	17.642	17.664	17.685	17.707	17.729	17.750	17.772	17.794	17.815	430
440	17.815	17.837	17.859	17.880	17.902	17.924	17.945	17.967	17.989	18.010	18.032	440
450	18.032	18.054	18.075	18.097	18.119	18.140	18.162	18.184	18.205	18.227	18.249	450
460	18.249	18.270	18.292	18.314	18.335	18.357	18.379	18.400	18.422	18.444	18.465	460
470	18.465	18.487	18.509	18.530	18.552	18.574	18.595	18.617	18.639	18.661	18.682	470
480	18.682	18.704	18.726	18.747	18.769	18.791	18.812	18.834	18.856	18.877	18.899	480
490	18.899	18.921	18.942	18.964	18.986	19.007	19.029	19.051	19.072	19.094	19.116	490
500	19.116											500

°F	0	1	2	3	4	5	6	7	8	9	10	°F