

**TABLE 33 10 Ω Copper RTD — 0.00427 coefficient**  
*temperature in °C*



°C	0	1	2	3	4	5	6	7	8	9	10	°C
Resistance in Ohms												
-200	1.058											200
-190	1.472	1.430	1.389	1.348	1.306	1.265	1.223	1.182	1.141	1.099	1.058	-190
-180	1.884	1.843	1.802	1.761	1.719	1.678	1.637	1.596	1.554	1.513	1.472	-180
-170	2.295	2.254	2.213	2.172	2.131	2.090	2.049	2.008	1.967	1.925	1.884	-170
-160	2.705	2.664	2.623	2.582	2.541	2.500	2.459	2.418	2.377	2.336	2.295	-160
-150	3.113	3.072	3.031	2.990	2.950	2.909	2.868	2.827	2.786	2.746	2.705	-150
-140	3.519	3.478	3.438	3.397	3.356	3.316	3.275	3.235	3.194	3.153	3.113	-140
-130	3.923	3.883	3.843	3.802	3.762	3.721	3.681	3.640	3.600	3.559	3.519	-130
-120	4.327	4.286	4.246	4.206	4.165	4.125	4.085	4.045	4.004	3.964	3.923	-120
-110	4.728	4.688	4.648	4.608	4.568	4.527	4.487	4.447	4.407	4.367	4.327	-110
-100	5.128	5.088	5.048	5.008	4.968	4.928	4.888	4.848	4.808	4.768	4.728	-100
-90	5.526	5.487	5.447	5.407	5.367	5.327	5.288	5.248	5.208	5.168	5.128	-90
-80	5.923	5.884	5.844	5.804	5.765	5.725	5.685	5.646	5.606	5.566	5.526	-80
-70	6.318	6.279	6.239	6.200	6.160	6.121	6.081	6.042	6.002	5.963	5.923	-70
-60	6.712	6.673	6.633	6.594	6.555	6.515	6.476	6.437	6.397	6.358	6.318	-60
-50	7.104	7.065	7.026	6.987	6.947	6.908	6.869	6.830	6.791	6.751	6.712	-50
-40	7.490	7.452	7.413	7.374	7.336	7.297	7.259	7.220	7.181	7.143	7.104	-40
-30	7.876	7.838	7.799	7.761	7.722	7.683	7.645	7.606	7.568	7.529	7.490	-30
-20	8.263	8.224	8.185	8.147	8.108	8.070	8.031	7.992	7.954	7.915	7.876	-20
-10	8.649	8.610	8.572	8.533	8.494	8.456	8.417	8.378	8.340	8.301	8.263	-10
0	9.035	8.996	8.958	8.919	8.881	8.842	8.803	8.765	8.726	8.687	8.649	0
0	9.035	9.074	9.112	9.151	9.189	9.228	9.267	9.305	9.344	9.383	9.421	0
10	9.421	9.460	9.498	9.537	9.576	9.614	9.653	9.692	9.730	9.769	9.807	10
20	9.807	9.846	9.885	9.923	9.962	10.000	10.039	10.078	10.116	10.155	10.194	20
30	10.194	10.232	10.271	10.309	10.348	10.387	10.425	10.464	10.502	10.541	10.580	30
40	10.580	10.618	10.657	10.696	10.734	10.773	10.811	10.850	10.889	10.927	10.966	40
50	10.966	11.005	11.043	11.082	11.120	11.159	11.198	11.236	11.275	11.313	11.352	50
60	11.352	11.391	11.429	11.468	11.507	11.545	11.584	11.622	11.661	11.700	11.738	60
70	11.738	11.777	11.816	11.854	11.893	11.931	11.970	12.009	12.047	12.086	12.124	70
80	12.124	12.163	12.202	12.240	12.279	12.318	12.356	12.395	12.433	12.472	12.511	80
90	12.511	12.549	12.588	12.627	12.665	12.704	12.742	12.781	12.820	12.858	12.897	90
100	12.897	12.935	12.974	13.013	13.051	13.090	13.129	13.167	13.206	13.244	13.283	100
110	13.283	13.322	13.360	13.399	13.437	13.476	13.515	13.553	13.592	13.631	13.669	110
120	13.669	13.708	13.746	13.785	13.824	13.862	13.901	13.940	13.978	14.017	14.055	120
130	14.055	14.094	14.133	14.171	14.210	14.248	14.287	14.326	14.364	14.403	14.442	130
140	14.442	14.480	14.519	14.557	14.596	14.635	14.673	14.712	14.751	14.789	14.828	140
150	14.828	14.867	14.906	14.945	14.984	15.022	15.061	15.100	15.139	15.178	15.217	150
160	15.217	15.256	15.295	15.334	15.373	15.412	15.451	15.490	15.529	15.568	15.607	160
170	15.607	15.646	15.685	15.724	15.763	15.802	15.840	15.879	15.918	15.957	15.996	170
180	15.996	16.035	16.074	16.113	16.152	16.191	16.230	16.269	16.308	16.347	16.386	180
190	16.386	16.425	16.464	16.503	16.542	16.581	16.620	16.659	16.698	16.737	16.776	190
200	16.776	16.815	16.854	16.893	16.932	16.971	17.010	17.049	17.088	17.127	17.166	200
210	17.166	17.205	17.244	17.283	17.322	17.360	17.399	17.438	17.477	17.516	17.555	210
220	17.555	17.594	17.633	17.672	17.711	17.750	17.789	17.828	17.867	17.906	17.945	220
230	17.945	17.984	18.023	18.062	18.101	18.140	18.179	18.218	18.257	18.296	18.335	230
240	18.335	18.374	18.413	18.452	18.491	18.530	18.569	18.609	18.648	18.687	18.726	240
250	18.726	18.765	18.804	18.843	18.882	18.921	18.960	18.999	19.038	19.077	19.116	250
260	19.116											260
°C	0	1	2	3	4	5	6	7	8	9	10	°C