



Resistance & Temperature Table

R₂₅=200KΩ B_{25/50}=3899K

| Temp (°C) | R (KΩ) | Temp (°C) | R (KΩ) | Temp (°C) | R (KΩ) | Temp (°C) | R (KΩ) |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| -20 | 1893.1587 | 60 | 50.3306 | 140 | 4.6218 | 220 | 0.8361 |
| -19 | 1787.4667 | 61 | 48.5619 | 141 | 4.5084 | 221 | 0.8210 |
| -18 | 1688.3439 | 62 | 46.8640 | 142 | 4.3982 | 222 | 0.8061 |
| -17 | 1595.3422 | 63 | 45.2336 | 143 | 4.2912 | 223 | 0.7916 |
| -16 | 1508.0471 | 64 | 43.6677 | 144 | 4.1871 | 224 | 0.7774 |
| -15 | 1426.0748 | 65 | 42.1635 | 145 | 4.0860 | 225 | 0.7635 |
| -14 | 1349.0686 | 66 | 40.7182 | 146 | 3.9878 | 226 | 0.7499 |
| -13 | 1276.6984 | 67 | 39.3294 | 147 | 3.8923 | 227 | 0.7366 |
| -12 | 1208.6580 | 68 | 37.9945 | 148 | 3.7994 | 228 | 0.7236 |
| -11 | 1144.6625 | 69 | 36.7112 | 149 | 3.7092 | 229 | 0.7108 |
| -10 | 1084.4481 | 70 | 35.4773 | 150 | 3.6214 | 230 | 0.6983 |
| -9 | 1027.7693 | 71 | 34.2906 | 151 | 3.5361 | 231 | 0.6861 |
| -8 | 974.3978 | 72 | 33.1492 | 152 | 3.4530 | 232 | 0.6741 |
| -7 | 924.1215 | 73 | 32.0512 | 153 | 3.3723 | 233 | 0.6624 |
| -6 | 876.7433 | 74 | 30.9946 | 154 | 3.2938 | 234 | 0.6509 |
| -5 | 832.0792 | 75 | 29.9777 | 155 | 3.2173 | 235 | 0.6397 |
| -4 | 789.9584 | 76 | 28.9989 | 156 | 3.1430 | 236 | 0.6287 |
| -3 | 750.2215 | 77 | 28.0566 | 157 | 3.0707 | 237 | 0.6179 |
| -2 | 712.7200 | 78 | 27.1492 | 158 | 3.0003 | 238 | 0.6074 |
| -1 | 677.3156 | 79 | 26.2754 | 159 | 2.9317 | 239 | 0.5970 |
| 0 | 643.8792 | 80 | 25.4336 | 160 | 2.8651 | 240 | 0.5869 |
| 1 | 612.2902 | 81 | 24.6227 | 161 | 2.8001 | 241 | 0.5770 |
| 2 | 582.4364 | 82 | 23.8413 | 162 | 2.7369 | 242 | 0.5673 |
| 3 | 554.2127 | 83 | 23.0883 | 163 | 2.6754 | 243 | 0.5577 |
| 4 | 527.5211 | 84 | 22.3624 | 164 | 2.6155 | 244 | 0.5484 |
| 5 | 502.2698 | 85 | 21.6627 | 165 | 2.5571 | 245 | 0.5393 |
| 6 | 478.3734 | 86 | 20.9880 | 166 | 2.5003 | 246 | 0.5303 |
| 7 | 455.7515 | 87 | 20.3373 | 167 | 2.4449 | 247 | 0.5215 |
| 8 | 434.3293 | 88 | 19.7098 | 168 | 2.3910 | 248 | 0.5129 |
| 9 | 414.0365 | 89 | 19.1044 | 169 | 2.3385 | 249 | 0.5045 |
| 10 | 394.8076 | 90 | 18.5203 | 170 | 2.2873 | 250 | 0.4962 |
| 11 | 376.5809 | 91 | 17.9566 | 171 | 2.2375 | 251 | 0.4881 |
| 12 | 359.2989 | 92 | 17.4126 | 172 | 2.1889 | 252 | 0.4802 |
| 13 | 342.9075 | 93 | 16.8875 | 173 | 2.1415 | 253 | 0.4724 |
| 14 | 327.3560 | 94 | 16.3805 | 174 | 2.0954 | 254 | 0.4647 |
| 15 | 312.5968 | 95 | 15.8910 | 175 | 2.0504 | 255 | 0.4573 |
| 16 | 298.5855 | 96 | 15.4183 | 176 | 2.0065 | 256 | 0.4499 |
| 17 | 285.2802 | 97 | 14.9617 | 177 | 1.9638 | 257 | 0.4427 |
| 18 | 272.6415 | 98 | 14.5206 | 178 | 1.9221 | 258 | 0.4357 |



深圳市深思泰電子科技有限公司

SHENZHEN SENSTECH ELECTRONIC TECHNOLOGY CO., LTD

| Temp | R | Temp | R | Temp | R | Temp | R |
|------|----------|------|---------|------|--------|------|--------|
| (°C) | (KΩ) | (°C) | (KΩ) | (°C) | (KΩ) | (°C) | (KΩ) |
| 19 | 260.6325 | 99 | 14.0944 | 179 | 1.8814 | 259 | 0.4287 |
| 20 | 249.2187 | 100 | 13.6826 | 180 | 1.8418 | 260 | 0.4219 |
| 21 | 238.3672 | 101 | 13.2846 | 181 | 1.8031 | 261 | 0.4153 |
| 22 | 228.0477 | 102 | 12.8999 | 182 | 1.7654 | 262 | 0.4088 |
| 23 | 218.2311 | 103 | 12.5280 | 183 | 1.7287 | 263 | 0.4024 |
| 24 | 208.8904 | 104 | 12.1685 | 184 | 1.6928 | 264 | 0.3961 |
| 25 | 200.0000 | 105 | 11.8208 | 185 | 1.6578 | 265 | 0.3899 |
| 26 | 191.5360 | 106 | 11.4845 | 186 | 1.6236 | 266 | 0.3839 |
| 27 | 183.4756 | 107 | 11.1592 | 187 | 1.5903 | 267 | 0.3779 |
| 28 | 175.7977 | 108 | 10.8445 | 188 | 1.5578 | 268 | 0.3721 |
| 29 | 168.4821 | 109 | 10.5400 | 189 | 1.5261 | 269 | 0.3664 |
| 30 | 161.5098 | 110 | 10.2454 | 190 | 1.4951 | 270 | 0.3608 |
| 31 | 154.8631 | 111 | 9.9602 | 191 | 1.4649 | 271 | 0.3553 |
| 32 | 148.5250 | 112 | 9.6842 | 192 | 1.4354 | 272 | 0.3499 |
| 33 | 142.4798 | 113 | 9.4170 | 193 | 1.4066 | 273 | 0.3446 |
| 34 | 136.7123 | 114 | 9.1583 | 194 | 1.3784 | 274 | 0.3394 |
| 35 | 131.2085 | 115 | 8.9078 | 195 | 1.3510 | 275 | 0.3343 |
| 36 | 125.9550 | 116 | 8.6651 | 196 | 1.3242 | 276 | 0.3293 |
| 37 | 120.9392 | 117 | 8.4301 | 197 | 1.2980 | 277 | 0.3243 |
| 38 | 116.1491 | 118 | 8.2025 | 198 | 1.2724 | 278 | 0.3195 |
| 39 | 111.5735 | 119 | 7.9819 | 199 | 1.2474 | 279 | 0.3148 |
| 40 | 107.2018 | 120 | 7.7682 | 200 | 1.2230 | 280 | 0.3101 |
| 41 | 103.0238 | 121 | 7.5611 | 201 | 1.1992 | 281 | 0.3055 |
| 42 | 99.0300 | 122 | 7.3604 | 202 | 1.1759 | 282 | 0.3010 |
| 43 | 95.2114 | 123 | 7.1658 | 203 | 1.1531 | 283 | 0.2966 |
| 44 | 91.5595 | 124 | 6.9772 | 204 | 1.1309 | 284 | 0.2923 |
| 45 | 88.0661 | 125 | 6.7943 | 205 | 1.1092 | 285 | 0.2880 |
| 46 | 84.7238 | 126 | 6.6169 | 206 | 1.0880 | 286 | 0.2839 |
| 47 | 81.5251 | 127 | 6.4449 | 207 | 1.0672 | 287 | 0.2798 |
| 48 | 78.4632 | 128 | 6.2781 | 208 | 1.0469 | 288 | 0.2757 |
| 49 | 75.5317 | 129 | 6.1162 | 209 | 1.0271 | 289 | 0.2718 |
| 50 | 72.7244 | 130 | 5.9592 | 210 | 1.0078 | 290 | 0.2679 |
| 51 | 70.0353 | 131 | 5.8069 | 211 | 0.9888 | 291 | 0.2641 |
| 52 | 67.4590 | 132 | 5.6591 | 212 | 0.9703 | 292 | 0.2603 |
| 53 | 64.9903 | 133 | 5.5156 | 213 | 0.9522 | 293 | 0.2566 |
| 54 | 62.6241 | 134 | 5.3763 | 214 | 0.9345 | 294 | 0.2530 |
| 55 | 60.3556 | 135 | 5.2411 | 215 | 0.9172 | 295 | 0.2495 |
| 56 | 58.1805 | 136 | 5.1099 | 216 | 0.9002 | 296 | 0.2460 |
| 57 | 56.0944 | 137 | 4.9824 | 217 | 0.8837 | 297 | 0.2425 |
| 58 | 54.0932 | 138 | 4.8587 | 218 | 0.8675 | 298 | 0.2391 |
| 59 | 52.1732 | 139 | 4.7385 | 219 | 0.8516 | 299 | 0.2358 |