

Platinum Resistance (-200°C to 239°C)

Temperature Coefficient - 0.00385 Ohms/Ohm/°C

| °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms |
|------|-------|------|-------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|
| -200 | 18.49 | -137 | 45.11 | -74 | 70.73 | -11 | 95.69 | 51 | 119.78 | 114 | 143.80 | 177 | 167.35 |
| -199 | 18.93 | -136 | 45.52 | -73 | 71.13 | | | 52 | 120.16 | 115 | 144.17 | 178 | 167.72 |
| -198 | 19.36 | -135 | 45.94 | -72 | 71.53 | -10 | 96.09 | 53 | 120.55 | 116 | 144.55 | 179 | 168.09 |
| -197 | 19.79 | -134 | 46.35 | -71 | 71.93 | -9 | 96.48 | 54 | 120.93 | 117 | 144.93 | | |
| -196 | 20.22 | -133 | 46.76 | | | -8 | 96.87 | 55 | 121.32 | 118 | 145.31 | 180 | 168.46 |
| -195 | 20.65 | -132 | 47.18 | -70 | 72.33 | -7 | 97.26 | 56 | 121.70 | 119 | 145.68 | 181 | 168.83 |
| -194 | 21.08 | -131 | 47.59 | -69 | 72.73 | -6 | 97.65 | 57 | 122.09 | | | 182 | 169.20 |
| -193 | 21.51 | | | -68 | 73.13 | -5 | 98.04 | 58 | 122.47 | 120 | 146.06 | 183 | 169.57 |
| -192 | 21.94 | -130 | 48.00 | -67 | 73.53 | -4 | 98.44 | 59 | 122.86 | 121 | 146.44 | 184 | 169.94 |
| -191 | 22.37 | -129 | 48.41 | -66 | 73.93 | -3 | 98.83 | | | 122 | 146.81 | 185 | 170.31 |
| | | -128 | 48.82 | -65 | 74.33 | -2 | 99.22 | 60 | 123.24 | 123 | 147.19 | 186 | 170.68 |
| -190 | 22.80 | -127 | 49.23 | -64 | 74.73 | -1 | 99.61 | 61 | 123.62 | 124 | 147.57 | 187 | 171.05 |
| -189 | 23.23 | -126 | 49.64 | -63 | 75.13 | | | 62 | 124.01 | 125 | 147.94 | 188 | 171.42 |
| -188 | 23.66 | -125 | 50.06 | -62 | 75.53 | 0 | 100.00 | 63 | 124.39 | 126 | 148.32 | 189 | 171.79 |
| -187 | 24.09 | -124 | 50.47 | -61 | 75.93 | 1 | 100.39 | 64 | 124.77 | 127 | 148.70 | | |
| -186 | 24.52 | -123 | 50.88 | | | 2 | 100.78 | 65 | 125.16 | 128 | 149.07 | 190 | 172.16 |
| -185 | 24.94 | -122 | 51.29 | -60 | 76.33 | 3 | 101.17 | 66 | 125.54 | 129 | 149.45 | 191 | 172.53 |
| -184 | 25.37 | -121 | 51.70 | -59 | 76.73 | 4 | 101.56 | 67 | 125.92 | | | 192 | 172.90 |
| -183 | 25.80 | | | -58 | 77.13 | 5 | 101.95 | 68 | 126.31 | 130 | 149.82 | 193 | 173.26 |
| -182 | 26.23 | -120 | 52.11 | -57 | 77.52 | 6 | 102.34 | 69 | 126.69 | 131 | 150.20 | 194 | 173.63 |
| -181 | 26.65 | -119 | 52.52 | -56 | 77.92 | 7 | 102.73 | | | 132 | 150.57 | 195 | 174.00 |
| | | -118 | 52.92 | -55 | 78.32 | 8 | 103.12 | 70 | 127.07 | 133 | 150.95 | 196 | 174.37 |
| -180 | 27.08 | -117 | 53.33 | -54 | 78.72 | 9 | 103.51 | 71 | 127.45 | 134 | 151.33 | 197 | 174.74 |
| -179 | 27.50 | -116 | 53.74 | -53 | 79.11 | | | 72 | 127.84 | 135 | 151.70 | 198 | 175.10 |
| -178 | 27.93 | -115 | 54.15 | -52 | 79.51 | 10 | 103.90 | 73 | 128.22 | 136 | 152.08 | 199 | 175.47 |
| -177 | 28.35 | -114 | 54.56 | -51 | 79.91 | 11 | 104.29 | 74 | 128.60 | 137 | 152.45 | | |
| -176 | 28.78 | -113 | 54.97 | | | 12 | 104.68 | 75 | 128.98 | 138 | 152.83 | 200 | 175.84 |
| -175 | 29.20 | -112 | 55.38 | -50 | 80.31 | 13 | 105.07 | 76 | 129.37 | 139 | 153.20 | 201 | 176.21 |
| -174 | 29.63 | -111 | 55.78 | -49 | 80.70 | 14 | 105.46 | 77 | 129.75 | | | 202 | 176.57 |
| -173 | 30.05 | | | -48 | 81.10 | 15 | 105.85 | 78 | 130.13 | 140 | 153.58 | 203 | 176.94 |
| -172 | 30.47 | -110 | 56.19 | -47 | 81.50 | 16 | 106.24 | 79 | 130.51 | 141 | 153.95 | 204 | 177.31 |
| -171 | 30.90 | -109 | 56.60 | -46 | 81.89 | 17 | 106.63 | | | 142 | 154.32 | 205 | 177.68 |
| | | -108 | 57.00 | -45 | 82.29 | 18 | 107.02 | 80 | 130.89 | 143 | 154.70 | 206 | 178.04 |
| -170 | 31.32 | -107 | 57.41 | -44 | 82.69 | 19 | 107.40 | 81 | 131.27 | 144 | 155.07 | 207 | 178.41 |
| -169 | 31.74 | -106 | 57.82 | -43 | 83.08 | | | 82 | 131.66 | 145 | 155.45 | 208 | 178.78 |
| -168 | 32.16 | -105 | 58.22 | -42 | 83.48 | 20 | 107.79 | 83 | 132.04 | 146 | 155.82 | 209 | 179.14 |
| -167 | 32.59 | -104 | 58.63 | -41 | 83.88 | 21 | 108.18 | 84 | 132.42 | 147 | 156.19 | | |
| -166 | 33.01 | -103 | 59.04 | | | 22 | 108.57 | 85 | 132.80 | 148 | 156.57 | 210 | 179.51 |
| -165 | 33.43 | -102 | 59.44 | -40 | 84.27 | 23 | 108.96 | 86 | 133.18 | 149 | 156.94 | 211 | 179.88 |
| -164 | 33.85 | -101 | 59.85 | -39 | 84.67 | 24 | 109.35 | 87 | 133.56 | | | 212 | 180.24 |
| -163 | 34.27 | | | -38 | 85.06 | 25 | 109.73 | 88 | 133.94 | 150 | 157.31 | 213 | 180.61 |
| -162 | 34.69 | -100 | 60.25 | -37 | 85.46 | 26 | 110.12 | 89 | 134.32 | 151 | 157.69 | 214 | 180.97 |
| -161 | 35.11 | -99 | 60.66 | -36 | 85.85 | 27 | 110.51 | | | 152 | 158.06 | 215 | 181.34 |
| | | -98 | 61.06 | -35 | 86.25 | 28 | 110.90 | 90 | 134.70 | 153 | 158.43 | 216 | 181.71 |
| -160 | 35.53 | -97 | 61.47 | -34 | 86.64 | 29 | 111.28 | 91 | 135.08 | 154 | 158.81 | 217 | 182.07 |
| -159 | 35.95 | -96 | 61.87 | -33 | 87.04 | | | 92 | 135.46 | 155 | 159.18 | 218 | 182.44 |
| -158 | 36.37 | -95 | 62.28 | -32 | 87.43 | 30 | 111.67 | 93 | 135.84 | 156 | 159.55 | 219 | 182.80 |
| -157 | 36.79 | -94 | 62.68 | -31 | 87.83 | 31 | 112.06 | 94 | 136.22 | 157 | 159.93 | | |
| -156 | 37.21 | -93 | 63.09 | | | 32 | 112.45 | 95 | 136.60 | 158 | 160.30 | 220 | 183.17 |
| -155 | 37.63 | -92 | 63.49 | -30 | 88.22 | 33 | 112.83 | 96 | 136.98 | 159 | 160.67 | 221 | 183.53 |
| -154 | 38.04 | -91 | 63.90 | -29 | 88.62 | 34 | 113.22 | 97 | 137.36 | | | 222 | 183.90 |
| -153 | 38.46 | | | -28 | 89.01 | 35 | 113.61 | 98 | 137.74 | 160 | 161.04 | 223 | 184.26 |
| -152 | 38.88 | 90 | 64.30 | -27 | 89.40 | 36 | 113.99 | 99 | 138.12 | 161 | 161.42 | 224 | 184.63 |
| -151 | 39.30 | -89 | 64.70 | -26 | 89.80 | 37 | 114.38 | | | 162 | 161.79 | 225 | 184.99 |
| | | -88 | 65.11 | -25 | 90.19 | 38 | 114.77 | 100 | 138.50 | 163 | 162.16 | 226 | 185.36 |
| -150 | 39.71 | -87 | 65.51 | -24 | 90.59 | 39 | 115.15 | 101 | 138.88 | 164 | 162.53 | 227 | 185.72 |
| -149 | 40.13 | -86 | 65.91 | -23 | 90.98 | | | 102 | 139.26 | 165 | 162.90 | 228 | 186.09 |
| -148 | 40.55 | -85 | 66.31 | -22 | 91.37 | 40 | 115.54 | 103 | 139.64 | 166 | 163.27 | 229 | 186.45 |
| -147 | 40.96 | -84 | 66.72 | -21 | 91.77 | 41 | 115.93 | 104 | 140.02 | 167 | 163.65 | | |
| -146 | 41.38 | -83 | 67.12 | | | 42 | 116.31 | 105 | 140.39 | 168 | 164.02 | 230 | 186.82 |
| -145 | 41.79 | -82 | 67.52 | -20 | 92.16 | 43 | 116.70 | 106 | 140.77 | 169 | 164.39 | 231 | 187.18 |
| -144 | 42.21 | -81 | 67.92 | -19 | 92.55 | 44 | 117.08 | 107 | 141.15 | | | 232 | 187.54 |
| -143 | 42.63 | | | -18 | 92.95 | 45 | 117.47 | 108 | 141.53 | 170 | 164.76 | 233 | 187.91 |
| -142 | 43.04 | -80 | 68.33 | -17 | 93.34 | 46 | 117.85 | 109 | 141.91 | 171 | 165.13 | 234 | 188.27 |
| -141 | 43.45 | -79 | 68.73 | -16 | 93.73 | 47 | 118.24 | | | 172 | 165.50 | 235 | 188.63 |
| | | -78 | 69.13 | -15 | 94.12 | 48 | 118.62 | 110 | 142.29 | 173 | 165.87 | 236 | 189.00 |
| -140 | 43.87 | -77 | 69.53 | -14 | 94.52 | 49 | 119.01 | 111 | 142.66 | 174 | 166.24 | 237 | 189.36 |
| -139 | 44.28 | -76 | 69.93 | -13 | 94.91 | | | 112 | 143.04 | 175 | 166.61 | 238 | 189.72 |
| -138 | 44.70 | -75 | 70.33 | -12 | 95.30 | 50 | 119.40 | 113 | 143.42 | 176 | 166.98 | 239 | 190.09 |

Platinum Resistance (240°C to 629°C)

Temperature Coefficient - 0.00385 Ohms/Ohm/°C

| °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms | °C | Ohms |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 240 | 190.45 | 301 | 212.37 | 362 | 233.87 | 423 | 254.93 | 484 | 275.56 | 545 | 295.75 | 606 | 315.52 |
| 241 | 190.81 | 302 | 212.73 | 363 | 234.22 | 424 | 255.27 | 485 | 275.89 | 546 | 296.08 | 607 | 315.84 |
| 242 | 191.18 | 303 | 213.09 | 364 | 234.56 | 425 | 255.61 | 486 | 276.23 | 547 | 296.41 | 608 | 316.16 |
| 243 | 191.54 | 304 | 213.44 | 365 | 234.91 | 426 | 255.95 | 487 | 276.56 | 548 | 296.74 | 609 | 316.48 |
| 244 | 191.90 | 305 | 213.80 | 366 | 235.26 | 427 | 256.29 | 488 | 276.89 | 549 | 297.06 | | |
| 245 | 192.26 | 306 | 214.15 | 367 | 235.61 | 428 | 256.63 | 489 | 277.23 | | | 610 | 316.80 |
| 246 | 192.63 | 307 | 214.51 | 368 | 235.96 | 429 | 258.98 | | | 550 | 297.39 | 611 | 317.12 |
| 247 | 192.99 | 308 | 214.86 | 369 | 236.31 | | | 490 | 277.56 | 551 | 297.72 | 612 | 317.44 |
| 248 | 193.35 | 309 | 215.22 | | | 430 | 257.32 | 491 | 277.90 | 552 | 298.04 | 613 | 317.76 |
| 249 | 193.71 | | | 370 | 236.65 | 431 | 257.66 | 492 | 278.23 | 553 | 298.37 | 614 | 318.08 |
| | | 310 | 215.57 | 371 | 237.00 | 432 | 258.00 | 493 | 278.56 | 554 | 298.70 | 615 | 318.40 |
| 250 | 194.07 | 311 | 215.93 | 372 | 237.35 | 433 | 258.34 | 494 | 278.90 | 555 | 299.02 | 616 | 318.72 |
| 251 | 194.44 | 312 | 216.28 | 373 | 237.70 | 434 | 258.68 | 495 | 279.23 | 556 | 299.35 | 617 | 319.04 |
| 252 | 194.80 | 313 | 216.64 | 374 | 238.04 | 435 | 259.02 | 496 | 279.56 | 557 | 299.68 | 618 | 319.36 |
| 253 | 195.16 | 314 | 216.99 | 375 | 238.39 | 436 | 259.36 | 497 | 279.90 | 558 | 300.00 | 619 | 319.68 |
| 254 | 195.52 | 315 | 217.35 | 376 | 238.74 | 437 | 259.70 | 498 | 280.23 | 559 | 300.33 | | |
| 255 | 195.88 | 316 | 217.70 | 377 | 239.09 | 438 | 260.04 | 499 | 280.56 | | | 620 | 319.99 |
| 256 | 196.24 | 317 | 218.05 | 378 | 239.43 | 439 | 260.38 | | | 560 | 300.65 | 621 | 320.31 |
| 257 | 196.60 | 318 | 218.41 | 379 | 239.78 | | | 500 | 280.90 | 561 | 300.98 | 622 | 320.63 |
| 258 | 196.96 | 319 | 218.76 | | | 440 | 260.72 | 501 | 281.23 | 562 | 301.31 | 623 | 320.95 |
| 259 | 197.33 | | | 380 | 240.13 | 441 | 261.06 | 502 | 281.56 | 563 | 301.63 | 624 | 321.27 |
| | | 320 | 219.12 | 381 | 240.47 | 442 | 261.40 | 503 | 281.89 | 564 | 301.96 | 625 | 321.59 |
| 260 | 197.69 | 321 | 219.47 | 382 | 240.82 | 443 | 261.74 | 504 | 282.23 | 565 | 302.28 | 626 | 321.91 |
| 261 | 198.05 | 322 | 219.82 | 383 | 241.17 | 444 | 262.08 | 505 | 282.56 | 566 | 302.61 | 627 | 322.22 |
| 262 | 198.41 | 323 | 220.18 | 384 | 241.51 | 445 | 262.42 | 506 | 282.89 | 567 | 302.93 | 628 | 322.54 |
| 263 | 198.77 | 324 | 220.53 | 385 | 241.86 | 446 | 262.76 | 507 | 283.22 | 568 | 303.26 | 629 | 322.86 |
| 264 | 199.13 | 325 | 220.88 | 386 | 242.20 | 447 | 263.10 | 508 | 283.55 | 569 | 303.58 | | |
| 265 | 199.49 | 326 | 221.24 | 387 | 242.55 | 448 | 263.43 | 509 | 283.89 | | | | |
| 266 | 199.85 | 327 | 221.59 | 388 | 242.90 | 449 | 236.77 | | | 570 | 303.91 | | |
| 267 | 200.21 | 328 | 221.94 | 389 | 243.24 | | | 510 | 284.22 | 571 | 304.23 | | |
| 268 | 200.57 | 329 | 222.29 | | | 450 | 264.11 | 511 | 284.55 | 572 | 304.56 | | |
| 269 | 200.93 | | | 390 | 243.59 | 451 | 264.45 | 512 | 284.88 | 573 | 304.88 | | |
| | | 330 | 222.65 | 391 | 243.93 | 452 | 264.79 | 513 | 285.21 | 574 | 305.20 | | |
| 270 | 201.29 | 331 | 223.00 | 392 | 244.28 | 453 | 265.13 | 514 | 285.54 | 575 | 305.53 | | |
| 271 | 201.65 | 332 | 223.35 | 393 | 244.62 | 454 | 265.46 | 515 | 285.87 | 576 | 305.85 | | |
| 272 | 202.01 | 333 | 223.70 | 394 | 244.97 | 455 | 265.80 | 516 | 286.21 | 577 | 306.18 | | |
| 273 | 202.36 | 334 | 224.06 | 395 | 245.31 | 456 | 266.14 | 517 | 286.54 | 578 | 306.50 | | |
| 274 | 202.72 | 335 | 224.41 | 396 | 245.66 | 457 | 266.48 | 518 | 286.87 | 579 | 306.82 | | |
| 275 | 203.08 | 336 | 224.76 | 397 | 246.00 | 458 | 266.82 | 519 | 287.20 | | | | |
| 276 | 203.44 | 337 | 225.11 | 398 | 246.35 | 459 | 267.15 | | | 580 | 307.15 | | |
| 277 | 203.80 | 338 | 225.46 | 399 | 246.69 | | | 520 | 287.53 | 581 | 307.47 | | |
| 278 | 204.16 | 339 | 225.81 | | | 460 | 267.49 | 521 | 287.86 | 582 | 307.79 | | |
| 279 | 204.52 | | | 400 | 247.04 | 461 | 267.83 | 522 | 288.19 | 583 | 308.12 | | |
| | | 340 | 226.17 | 401 | 247.38 | 462 | 268.17 | 523 | 288.52 | 584 | 308.44 | | |
| 280 | 204.88 | 341 | 226.52 | 402 | 247.72 | 463 | 268.50 | 524 | 288.85 | 585 | 308.76 | | |
| 281 | 205.23 | 342 | 226.87 | 403 | 248.07 | 464 | 268.84 | 525 | 289.18 | 586 | 309.09 | | |
| 282 | 205.59 | 343 | 227.22 | 404 | 248.41 | 465 | 269.18 | 526 | 289.51 | 587 | 309.41 | | |
| 283 | 205.95 | 344 | 227.57 | 405 | 248.76 | 466 | 269.51 | 527 | 289.84 | 588 | 309.73 | | |
| 284 | 206.31 | 345 | 227.92 | 406 | 249.10 | 467 | 269.85 | 528 | 290.17 | 589 | 310.05 | | |
| 285 | 206.67 | 346 | 228.27 | 407 | 249.45 | 468 | 270.19 | 529 | 290.50 | | | | |
| 286 | 207.02 | 347 | 228.62 | 408 | 249.79 | 469 | 270.52 | | | 590 | 310.38 | | |
| 287 | 207.38 | 348 | 228.97 | 409 | 250.13 | | | 530 | 290.83 | 591 | 310.70 | | |
| 288 | 207.74 | 349 | 229.32 | | | 470 | 270.86 | 531 | 291.16 | 592 | 311.02 | | |
| 289 | 208.10 | | | 410 | 250.48 | 471 | 271.20 | 532 | 291.49 | 593 | 311.34 | | |
| | | 350 | 229.67 | 411 | 250.82 | 472 | 271.53 | 533 | 291.81 | 594 | 311.66 | | |
| 290 | 208.45 | 351 | 230.02 | 412 | 251.16 | 473 | 271.87 | 534 | 292.14 | 595 | 311.99 | | |
| 291 | 208.81 | 352 | 230.37 | 413 | 251.50 | 474 | 272.20 | 535 | 292.47 | 596 | 312.31 | | |
| 292 | 209.17 | 353 | 230.72 | 414 | 251.85 | 475 | 272.54 | 536 | 292.80 | 597 | 312.63 | | |
| 293 | 209.52 | 354 | 231.07 | 415 | 252.19 | 476 | 272.88 | 537 | 293.13 | 598 | 312.95 | | |
| 294 | 209.88 | 355 | 231.42 | 416 | 252.53 | 477 | 273.21 | 538 | 293.46 | 599 | 313.27 | | |
| 295 | 210.24 | 356 | 231.77 | 417 | 252.87 | 478 | 273.55 | 539 | 293.79 | | | | |
| 296 | 210.59 | 357 | 232.12 | 418 | 253.22 | 479 | 273.88 | | | 600 | 313.59 | | |
| 297 | 210.95 | 358 | 232.47 | 419 | 253.56 | | | 540 | 294.11 | 601 | 313.91 | | |
| 298 | 211.31 | 359 | 232.82 | | | 480 | 274.22 | 541 | 294.44 | 602 | 314.24 | | |
| 299 | 211.66 | | | 420 | 253.90 | 481 | 274.55 | 542 | 294.77 | 603 | 314.56 | | |
| | | 360 | 233.17 | 421 | 254.24 | 482 | 274.89 | 543 | 295.10 | 604 | 314.88 | | |
| 300 | 212.02 | 361 | 233.52 | 422 | 254.59 | 483 | 275.22 | 544 | 295.43 | 605 | 315.20 | | |