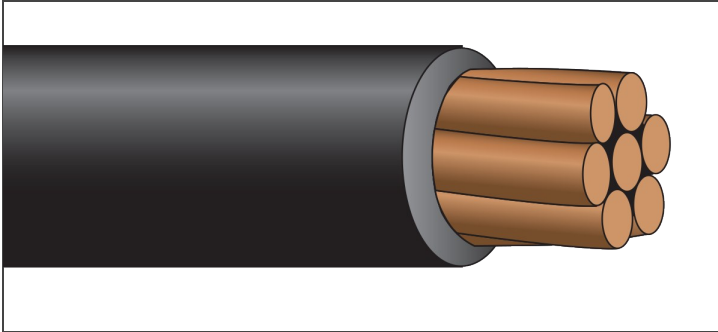


SINGLE CONDUCTOR



THW-2 600 Volt Copper



Description:

Single copper conductor, stranded, insulated with moisture and flame retardant, sunlight resistant PVC. **Available in colors.**

Application:

Suitable for use in conduit or other recognized raceways for services, feeders and branch circuit wiring. Applications include general purpose grounding for power and distribution circuits in residential, industrial and commercial buildings.

Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B787 (*combination strand*)

UL 83

ICEA S-95-658/NEMA WC-70

Federal Spec. A-A-59544

Flame Rated: VW-1/FT1, CT Use (*1/0 AWG and larger*)

Temperature Rated at 90°C Wet/Dry

Sunlight Resistant Oil Resistant II

RoHS Compliant

| Part Number | Size (AWG or Kcmil) | Strand (no.) | Insulation Thickness (mils) | Nominal Diameter Overall (in.) | Approx. Net Weight (lb./1000') | Ampacity* 90°C Wet/Dry |
|-------------|------------------------|-----------------|--------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| THW14BK | 14 | 7 | 30 | 0.13 | 19 | 35† |
| THW12BK | 12 | 7 | 30 | 0.15 | 28 | 40† |
| THW10BK | 10 | 7 | 30 | 0.18 | 41 | 55† |
| THW8BK | 8 | 7 | 45 | 0.23 | 68 | 80 |
| THW6BK | 6 | 7 | 60 | 0.30 | 111 | 105 |
| THW4BK | 4 | 7 | 60 | 0.35 | 166 | 140 |
| THW3BK | 3 | 7 | 60 | 0.37 | 204 | 165 |
| THW2BK | 2 | 7 | 60 | 0.40 | 251 | 190 |
| THW1BK | 1 | 19 | 80 | 0.48 | 324 | 220 |
| THW1/0BK | 1/0 | 19 | 80 | 0.52 | 402 | 260 |
| THW2/0BK | 2/0 | 19 | 80 | 0.56 | 493 | 300 |
| THW3/0BK | 3/0 | 19 | 80 | 0.61 | 610 | 350 |
| THW4/0BK | 4/0 | 19 | 80 | 0.67 | 758 | 405 |
| THW250BK | 250 | 37 | 95 | 0.76 | 896 | 455 |
| THW300BK | 300 | 37 | 95 | 0.82 | 1,062 | 500 |
| THW350BK | 350 | 37 | 95 | 0.87 | 1,226 | 570 |
| THW400BK | 400 | 37 | 95 | 0.91 | 1,389 | 615 |
| THW500BK | 500 | 37 | 95 | 0.99 | 1,713 | 700 |
| THW600BK | 600 | 61 | 110 | 1.11 | 2,067 | 780 |
| THW750BK | 750 | 61 | 110 | 1.21 | 2,548 | 885 |
| THW1000BK | 1,000 | 61 | 110 | 1.37 | 3,357 | 1,055 |

*Based on ambient temperature of 30°C per NEC Table 310.15 (B)(17). †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.