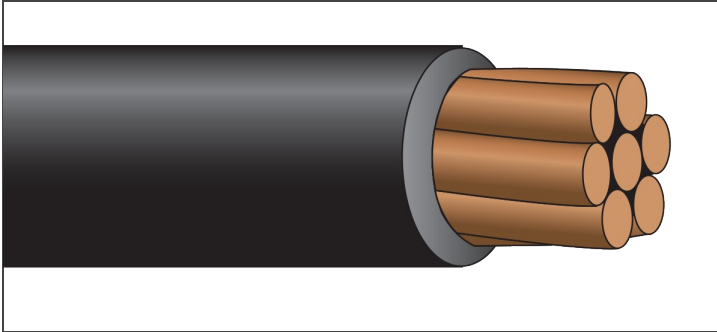


SINGLE CONDUCTOR



THW or TW75 600 Volt Copper



Description:

Single copper conductor, stranded, insulated with moisture and flame retardant, sunlight resistant PVC. **Available with tinned conductors. 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, C(UL)US TW75: CSA/UL Listed (#14 AWG - 500)
 ICEA S-95-658/NEMA WC-70
 Federal Spec. A-A-59544
 Flame Rated: VW-1/FT-1, CT Use (*1/0 AWG and larger*)
 Temperature Rated at 75°C Wet/Dry
 Sunlight Resistant, Gasoline and 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* 75°C Wet/Dry |
|-------------|------------------------|-----------------|--------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| TH14SOLBK | 14** | 1 | 45 | 0.15 | 22 | 30† |
| TH12SOLBK | 12** | 1 | 45 | 0.17 | 31 | 35† |
| TH10SOLBK | 10** | 1 | 45 | 0.19 | 44 | 50† |
| TH8SOLBK | 8 | 1 | 45 | 0.22 | 65 | 70 |
| TH14BK | 14 | 7 | 30 | 0.13 | 19 | 30† |
| TH12BK | 12 | 7 | 30 | 0.15 | 28 | 35† |
| TH10BK | 10 | 7 | 30 | 0.18 | 41 | 50† |
| TH8BK | 8 | 7 | 45 | 0.23 | 68 | 70 |
| TH6BK | 6 | 7 | 60 | 0.30 | 111 | 95 |
| TH4BK | 4 | 7 | 60 | 0.35 | 166 | 125 |
| TH3BK | 3 | 7 | 60 | 0.37 | 204 | 145 |
| TH2BK | 2 | 7 | 60 | 0.40 | 251 | 170 |
| TH1BK | 1 | 19 | 80 | 0.48 | 324 | 195 |
| TH1/0BK | 1/0 | 19 | 80 | 0.52 | 402 | 230 |
| TH2/0BK | 2/0 | 19 | 80 | 0.56 | 493 | 265 |
| TH3/0BK | 3/0 | 19 | 80 | 0.61 | 610 | 310 |
| TH4/0BK | 4/0 | 19 | 80 | 0.67 | 758 | 360 |
| TH250BK | 250 | 37 | 95 | 0.76 | 896 | 405 |
| TH300BK | 300 | 37 | 95 | 0.82 | 1,062 | 445 |
| TH350BK | 350 | 37 | 95 | 0.87 | 1,226 | 505 |
| TH400BK | 400 | 37 | 95 | 0.91 | 1,389 | 545 |
| TH500BK | 500 | 37 | 95 | 0.99 | 1,713 | 620 |
| TH600BK | 600 | 61 | 110 | 1.11 | 2,067 | 690 |
| TH750BK | 750 | 61 | 110 | 1.21 | 2,548 | 785 |
| TH1000BK | 1,000 | 61 | 110 | 1.37 | 3,357 | 935 |

*Based on ambient temperature of 30°C per NEC Table 310.15 (B)(17). **Available with 30 mil Insulation. †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.