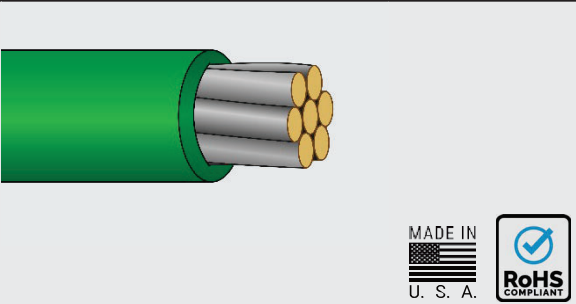


# TINNED THW-2 GROUNDING WIRE



## APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33, AND B-173
- ✓ CSA C22.2 NO. 75
- ✓ UL 1685

## FEATURES

- ✓ 600V RATED
- ✓ SUNLIGHT RESISTANT RATED
- ✓ -25°C TO 90°C MAX CONTINUOUS OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

## PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG TYPE TW OR THW OR THW-2 90C 600V SUN RES (UL) OR TW C(UL)

## VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS

## SCOPE

This single-conductor cable is used for grounding power distribution and lighting circuits in residential, commercial, and industrial buildings. It is also frequently used for general telecommunications grounding, including cellular towers and other communications.

## CONSTRUCTION

**Conductors:** Single conductors are solid or stranded and annealed or hardened tin coated copper.

**Insulation:** Conductors are insulated with concentrically applied PVC (polyvinyl chloride).

## IDENTIFICATION AND PACKAGING

Print legends on the wire include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

| AWG | Standard Number of Strands | Insulation Thickness (Mils) | Nominal Overall Diameter (Inches) | Approx. Shipping Weight (Lbs./1000') | Ampacity @ 90°C* |
|-----|----------------------------|-----------------------------|-----------------------------------|--------------------------------------|------------------|
| 14  | 1, 19                      | 30                          | 0.12 / 0.13                       | 18 / 19                              | 25               |
| 12  | 1, 19                      | 30                          | 0.14 / 0.15                       | 26 / 27                              | 30               |
| 10  | 1, 19                      | 30                          | 0.16 / 0.18                       | 39 / 40                              | 40               |
| 8   | 1, 7                       | 45                          | 0.22 / 0.24                       | 65 / 66                              | 55               |
| 6   | 1, 7, 133                  | 60                          | 0.28 / 0.30 / 0.33                | 105 / 107 / 111                      | 75               |
| 4   | 7, 133                     | 60                          | 0.35 / 0.38                       | 160 / 163                            | 95               |
| 2   | 7, 133                     | 60                          | 0.41 / 0.45                       | 242 / 246                            | 130              |
| 1   | 19                         | 80                          | 0.49                              | 316                                  | 145              |
| 1/0 | 19                         | 80                          | 0.53                              | 390                                  | 170              |
| 2/0 | 19                         | 80                          | 0.58                              | 481                                  | 195              |
| 3/0 | 19                         | 80                          | 0.63                              | 593                                  | 225              |
| 4/0 | 19                         | 80                          | 0.69                              | 739                                  | 260              |

\*Ampacity is from NEC Article 310. Check with local codes authority for guidance with your application.



SNAP FOR MORE INFORMATION