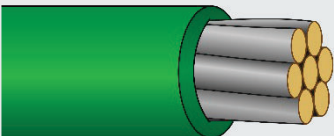


TINNED THW-2 GROUNDING WIRE



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, annealed or hardened tin coated copper.

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

IDENTIFICATION AND PACKAGING

Print legends on the wire shall 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