

COPPER TRACER WIRE



APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3 AND B-8
- ✓ UL 2989
- ✓ ICEA S-70-547 AND S-95-658/NEMA WC70

FEATURES

- ✓ 30V AND 600V RATED
- ✓ DIRECT BURIAL RATED
- ✓ 75°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG PE TRACER WIRE – DIRECT BURIAL USE ONLY
- ✓ KRIS-TECH WIRE CO. #XX AWG HDPE TRACER WIRE – DIRECT BURIAL USE ONLY
- ✓ KRIS-TECH WIRE CO. #XX AWG PE-XX TRACER WIRE XXV (UL) E488608

VALUE ADD SERVICE

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



SNAP FOR MORE INFORMATION

SCOPE

Also known as locator wire, this direct-burial rated single-conductor wire helps trace underground utilities and other assets, including pipes, wiring, non-conductive tubing, fiber optic cables, and other products. It is designed to carry an electrical signal for locating purposes.

CONSTRUCTION

Conductors: Single conductors are solid or stranded, annealed or hardened uncoated copper.

Insulation: Conductors are insulated with a concentrically applied HMWPE (high molecular weight polyethylene).

LLDPE (linear low density polyethylene) is standard and HDPE (high density polyethylene) is available on request.

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	Breaking Pounds Soft/Hard	Insulation Thickness 30V/600V (Mils)	Nominal Overall Diameter 30V/600V (Inches)	Bending Radius 30V/600V (Inches)	Approx. Shipping Weight 30V/600V (Lbs/1000')	Ampacity @ 75°C*
18	47 / 85	30 / 45	0.10 / 0.13	0.40 / 0.52	8 / 10	-
16	74 / 135	30 / 45	0.11 / 0.14	0.44 / 0.56	11 / 13	-
14	124 / 210	30 / 45	0.12 / 0.15	0.50 / 0.62	16 / 19	20
12	198 / 340	30 / 45	0.14 / 0.17	0.56 / 0.68	24 / 27	25
10	310 / 530	30 / 45	0.16 / 0.19	0.65 / 0.77	37 / 40	35
8	480 / 820	30 / 45	0.19 / 0.22	0.75 / 0.87	57 / 61	50
6	760 / 1280	30 / 45	0.22 / 0.25	0.89 / 1.01	88 / 93	65
4	1180 / 1300	30 / 45	0.26 / 0.29	1.06 / 1.18	138 / 143	85

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

AWG	Number of Strands	Insulation Thickness 30V/600V (Mils)	Nominal Overall Diameter 30V/600V (Inches)	Bending Radius 30V/600V (Inches)	Approx. Shipping Weight 30V/600V (Lbs/1000')	Ampacity @ 75°C*
14	7	30 / 45	0.13 / 0.16	0.52 / 0.64	16 / 19	20
12	7	30 / 45	0.15 / 0.18	0.60 / 0.72	25 / 28	25
10	7	30 / 45	0.18 / 0.21	0.72 / 0.84	37 / 40	35
8	7	30 / 45	0.21 / 0.24	0.84 / 0.96	57 / 62	50
6	7	30 / 45	0.24 / 0.27	0.96 / 1.08	89 / 94	65
4	7	30 / 45	0.29 / 0.32	1.16 / 1.28	138 / 144	85

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