



- ① LLDPE / HMPE Insulation
- ② Copper Conductor



## CONSTRUCTION

- » Conductors are soft annealed bare copper wire per ASTM B3.
- » The insulation is linear low density polyethylene (LLDPE), classified as a high molecular weight polyethylene (HMPE). This insulation provides excellent abrasion, crush, chemical, oil, and moisture resistance.

## APPLICATIONS

Tracer wire is suitable for direct burial to facilitate the detection and tracing of underground utility systems by carrying a locator signal. The wire may be identified by surface printing indicating manufacturer and conductor size. Custom legends are available.

## SPECIFICATIONS

- » Solid copper conductor per ASTM B3
- » Standard insulation colors are yellow and blue. Other colors subject to minimum run quantities.
- » High Molecular Weight Polyethylene Insulation
- » Insulation meets ASTM D-1248, Type 1, Category 4, Grade E4 and E5
- » ARRA 2009 Section 1605 "Buy America" compliant
- » UL 2989 Tracer Wire
- » Rated for 60° C, 600V for .045 insulation thickness
- » Rated for 60° C, 30V for .030 insulation thickness
- » UL Listing #E488619

Conductor		Dimensions		Std. Lengths	Product Weight	Standard Packaging (ft)
Size (AWG)	Stranding	Insulation Thickness (mils)	Nominal O.D. (in)	Put-Up	(Lbs./MFT)	
14	Solid	.030	.124	2500 ft.	16.1	500', 1000', 2500' reels
14	Solid	.045	.154	2500 ft.	19.0	500', 1000', 2500' reels
12	Solid	.030	.141	2500 ft.	24.2	500', 1000', 2500' reels
12	Solid	.045	.171	2500 ft.	28.0	500', 1000', 2500' reels
10	Solid	.030	.162	2500 ft.	37.0	500', 1000', 2500' reels
10	Solid	.045	.192	2500 ft.	40.0	500', 1000', 2500' reels

Insulation Color	Application Guide
Red	Electrical Power Line
Yellow	Natural Gas Pipeline
Green	Sewer Pipeline
Orange	Fiber Optic / Communications

Insulation Color	Application Guide
Blue	Potable Water Pipeline
Purple	Reclaimed Water, Irrigation or Slurry Lines
Black	Pet Containment / Invisible Fence