



# Tracer Wire for Gas and Sprinkler Systems for Direct Burial



**CONSTRUCTION:**

1. **Conductor:** Solid bare copper per ASTM B3
2. **Insulation:** Polyethylene PE

**APPLICATIONS AND FEATURES:**

- Used on golf course sprinkler, gas lines, direct burial applications, also can be used for animal containment
- PE 45 mil Insulation Thickness
- 60°C, 600 volt
- For direct burial

**SPECIFICATIONS:**

- ASTM B3 Soft or Annealed Copper Wire
- UL 66 Fixture Wire

**Table 1 – Weights and Measurements**

Cond. Size AWG/Kcmil	Cond. Number	Strand Count No. of Strands	Diameter Over Conductor inch	Insul. Thickness mil	Approx. OD inch	Copper Weight lb/1000ft	Approx. Weight lb/1000ft
16	1	Solid	0.050	45	0.144	8	14

All dimensions are nominal and subject to normal manufacturing tolerances  
 ◇ Cable marked with this symbol is a standard stock item

**Table 2 – Electrical and Engineering Data**

Cond. Size AWG/ Kcmil	Cond. Number	Min Bending Radius inch	DC Resistance @ 25°C Ω/1000ft	AC Resistance @ 75°C Ω/1000ft	Allowable Ampacity At 75°C Amp	Allowable Ampacity At 90°C Amp
16	1	1.1	4.181	5.282	-	18

