

# **Tracer Wire**

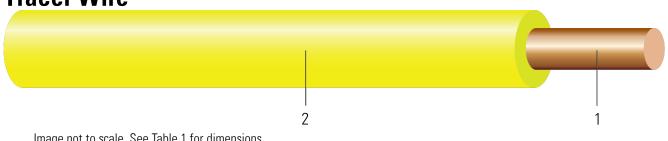


Image not to scale. See Table 1 for dimensions.

### **CONSTRUCTION:**

- 1. Conductor: Solid bare copper per ASTM B3
- 2. Insulation: Linear Low Density Polyethylene (LLDPE)

## **APPLICATIONS AND FEATURES:**

- Used on golf course sprinkler, gas lines, direct burial applications, also can be used for animal containment
- 45 mil Linear Low Density Polyethylene LLDPE insulation thickness.
- Rated for 60°C
- Rated for 600 volt
- For direct burial

## **SPECIFICATIONS:**

- ASTM B3 Soft or Annealed Copper Wire
- UL 2989 Tracer Wire

## **Table 1 – Physical and Electrical Data**

| Stock<br>Number | Cond.<br>Size | Strand<br>Class | Strand<br>Count   | Cond.<br>Cmil | Cond.<br>Number | Diameter Over<br>Conductor | Insul.<br>Thickness | Approx.<br>OD | Approx.<br>Weight | DC Resistance<br>@ 25°C | AC Resistance<br>@ 75°C |
|-----------------|---------------|-----------------|-------------------|---------------|-----------------|----------------------------|---------------------|---------------|-------------------|-------------------------|-------------------------|
|                 | AWG/<br>kcmil |                 | No. of<br>Strands | cmil          | No.             | inch                       | mil                 | inch          | lb/1000ft         | Ω/1000ft                | Ω/1000ft                |
| 54491           | 14            | Solid           | Solid             | 4110          | 1               | 0.064                      | 45                  | 0.157         | 19                | 2.631                   | 3.323                   |

All dimensions are nominal and subject to normal manufacturing tolerances

**◊** Cable marked with this symbol is a standard stock item

| Insulation Color | Application                                  | 18 AWG | 16 AWG | 14 AWG | 12 AWG | 10 AWG | 8 AWG |
|------------------|--|--------|--------|--------|--------|--------|-------|
| Red              | Electrical Power Line                        |        | Х      | Х      |        |        |       |
| Yellow           | Natural Gas Pipeline                         | Х      |        | Х      | Х      |        | Х     |
| Green            | Sewer Pipeline                               | Х      |        | Х      | Х      | Х      |       |
| Blue             | Potable Water Pipeline                       | Х      |        | Х      | Х      | Х      |       |
| Purple           | Reclaimed Water, Irrigation, or Slurry Lines |        |        |        | Х      |        |       |
| Black            | Pet Containment / Invisible Fence            |        | Х      | Х      |        |        |       |

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