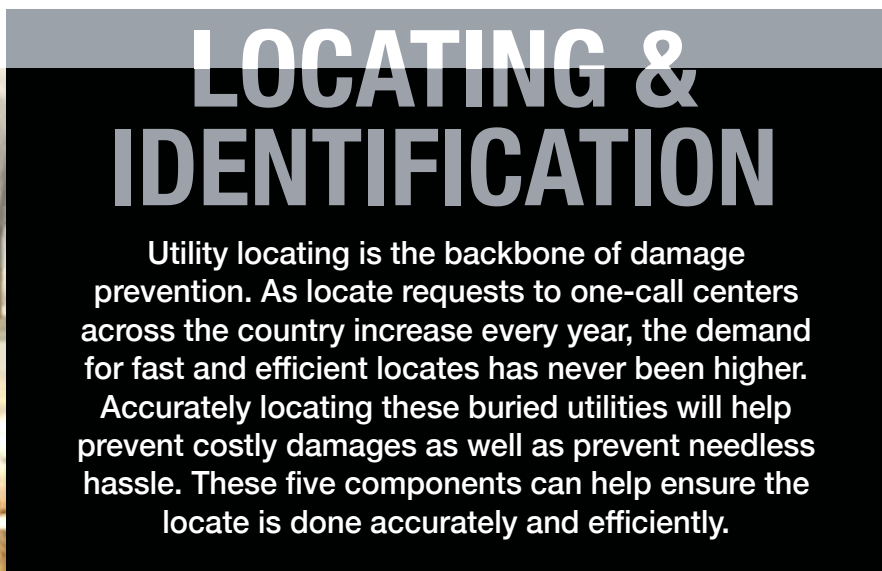




# LOCATING & IDENTIFICATION

Utility locating is the backbone of damage prevention. As locate requests to one-call centers across the country increase every year, the demand for fast and efficient locates has never been higher. Accurately locating these buried utilities will help prevent costly damages as well as prevent needless hassle. These five components can help ensure the locate is done accurately and efficiently.





### Most Durable Tracer Wire on the Market!



### Pro-Trace® HDD-CCS PE45

HDD-CCS features a higher break-load and tensile strength compared to solid copper. Designed for directional boring and pipe bursting installations where tensile strength is critical.

#### DESCRIPTION:

- 600-700% Stronger than solid copper
- Rigid flexibility and memory with good ductility. Made for boring.
- Solid or Stranded (4 AWG Only)
- Gauge sizes: 4 AWG | 8 AWG | 10 AWG | 12 AWG | 14 AWG
- Jacket thickness: 45 mil | 50 mil (4 AWG Only)
- Direct Burial Rated High-density, HMWPE insulation
- Reel sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request

#### STANDARD WIRE COLORS



Red Yellow Orange Blue Green Purple White Brown Black

### 43% Stronger Than Solid Copper Wire!



### Pro-Trace® HF-CCS PE30/PE45

HF-CCS PE30/PE45 tracer wire embodies the flexibility and memory of solid copper while still being stronger at lower cost. It is commonly used on for Open-Cut, Plow-In, and Blow-In installations.

#### DESCRIPTION:

- Equal signal strength to solid copper
- Solid Formation
- Gauge sizes: 8 AWG | 10 AWG | 12 AWG | 14 AWG | 16 AWG | 18 AWG
- Jacket thickness: 30 mil | 45 mil
- Direct Burial Rated High-density, HMWPE insulation
- Reel sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request

#### STANDARD WIRE COLORS



Red Yellow Orange Blue Green Purple White Brown Black





**227% the Break Load of Copper!****Pro-Trace® HS-CCS PE30/PE45**

HS-CCS PE30/PE45 tracer wire strikes a perfect balance of strength and flexibility compared to solid copper while minimizing damage during installation and while in service. It is best suited for Open-Cut, Plow-In, and light directional boring installations.

**DESCRIPTION:**

- Superior abrasion resistance to gouging, scraping, and nicking
- Solid Formation
- Gauge Sizes: 8 AWG | 10 AWG | 12 AWG | 14 AWG | 16 AWG | 18 AWG
- Jacket Thickness: 30 mil | 45 mil
- Direct Burial Rated High-density, HMWPE insulation
- Reel Sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request

**STANDARD WIRE COLORS**

Red Yellow Orange Blue Green Purple White Brown Black

**Copper PE30 & PE45**

Copper PE30/PE45 is a soft drawn annealed tracer wire made from oxygen free copper cathode. It has fantastic flexibility and memory properties. It is commonly used on for Open-Cut, Plow-In, and Blow-In installations.

**DESCRIPTION:**

- Solid or Stranded
- Gauge sizes: 6 AWG | 8 AWG | 10 AWG | 12 AWG | 14 AWG
- Jacket thickness: 30 mil (30V) | 45 mil (600V)
- Direct Burial Rated High-density, • Moisture, Chemical, Oil, Impact, Crush, and Abrasion Resistant
- Reel sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request

**STANDARD WIRE COLORS**

Red Yellow Orange Blue Green Purple White Brown Black



## Copper TWU/UF

Copper TWU/UF is a soft drawn annealed tracer wire made from oxygen free copper cathode. It has fantastic flexibility and memory properties. It is commonly used on for Open-Cut, Plow-In, and Blow-In installations.

### DESCRIPTION:

- Solid or Stranded
- Gauge sizes: 8 AWG | 10 AWG | 12 AWG | 14 AWG
- Jacket thickness: 60 mil | 80 mil (8 AWG Only)
- Direct Burial Rated PVC insulation
- Moisture, Chemical, Acid, Oil, Crush, Abrasion Resistant
- Reel sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request

### STANDARD WIRE COLORS



Red Yellow Orange Blue Green Purple White Brown Black



## Copper THHN & TFN/TFFN

Copper THHN & TFN/TFFN is a soft drawn annealed tracer wire made from oxygen free copper cathode. It has fantastic flexibility and memory properties. It is commonly used on for Open-Cut, Plow-In, and Blow-In installations.

### DESCRIPTION:

- Solid or Stranded
- THHN Gauge Sizes: 4 AWG | 6 AWG | 8 AWG | 10 AWG | 12 AWG | 14 AWG
- TFN/TFFN Gauge Sizes: 16 AWG | 18 AWG
- PVC Jacket, with Nylon Coating
- Moisture, Chemical, Oil, Crush, & Abrasion Resistant
- Reel sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request

### STANDARD WIRE COLORS



Red Yellow Orange Blue Green Purple White Brown Black



## Bare Copper

Bare Copper is suitable for a variety of applications including overhead transmission, distribution, and grounding.

### DESCRIPTION:

- Solid or Stranded
- Gauge sizes: 2 AWG | 4 AWG | 6 AWG | 8 AWG | 10 AWG | 12 AWG | 14 AWG
- Reel sizes: 500' | 1000' | 2500' | 5000'
- Custom lengths available upon request



## Pro-Trace® Ground Rod

The Pro-Trace Ground Rod is designed for use with locating tracer wire systems. The 1.5 lb magnesium rod can be easily driven into most soil types.

### DESCRIPTION:

- Properly grounds tracer wire system to complete circuit, ensuring increased signal strength and accurate locates
- 20 feet of built-in lead wire offers flexibility
- Twist on connector included for splicing lead wire to tracer wire
- HDPE cap



## Twist Connectors

Twist connectors are ideal for splicing lines. They are waterproof, corrosion proof, and the dielectric silicone sealant that is pre-filled within the connector never hardens, ensuring long lasting protection.

### DESCRIPTION:

- Two size options: Regular & Large
- Designed for direct bury applications
- Pre-filled with dielectric silicone sealant
- Fast and easy installation
- Wire Range: min 22-AWG / max 8-AWG



## Locking Barrel Connectors

The innovative twist and lock design of these allows for simple, more efficient wire connecting. Simply insert the wires and twist 90°, locking the wires into place.

### DESCRIPTION:

- Moisture resistant construction works with 30 & 45 mill jacket
- Will not deteriorate from exposure to water, oxidation, rust, chemicals
- Connects to wire without removal of any wire jacket or insulation
- Works with multiple wire gauges, 14, 12, and 10
- Provides a tightly locked connection, impervious to fill replacement



## Pro-Trace® TW Connector

Pro-Trace TW Connector was engineered specifically for tracer wire. The silicone filled connector is used to splice or branch-off multiple tracer wires to maintain continuity, and it provides superior performance and strength compared to other connectors.

### DESCRIPTION:

- Injection molded from polycarbonate
- Integrated strip guide
- Voltage rating up to 300 volts
- Designed to work with copper, copper-clad steel & stainless steel
- Water & corrosion proof. Impact and moisture resistant



## Tracer-Lock® Connector

The TracerLock Connector is used for connections to underground tracer wire systems and is engineered for direct-bury applications. It can be installed as an “in-line” or “lateral” connection without needing to strip the tracer wire.

### DESCRIPTION:

- One-piece Injection molded polycarbonate mechanical connector
- Breakaway shear nut system insures simple, & correct installation
- Pre-filled with anti-oxide for longevity, & superior electrical continuity
- Compression locking design to prevent wire pullout
- Works with gauge sizes 18-8 AWG
- Moisture, temperature, corrosion & impact resistant

## MTS (Mainline-to-service) Connectors

MTS Connectors can easily be installed in as little as one minute, and they eliminate the need to cut the main line. They are ideal for connecting services to the main line and their outer lid locks down which protects the connection from the elements.



## MTS Connector

### DESCRIPTION:

- 3-way connection
- Designed for direct bury applications
- Pre-filled dielectric silicone sealant protects wire
- Waterproof and corrosion resistant
- Fast and easy installation
- Wire Range: min 14-AWG / max 10-AWG

## Pipe Burst MTS Connector

### DESCRIPTION:

- Large size can accommodate pipe burst wire
- 3-way connection
- Designed for direct bury applications
- Pre-filled dielectric silicone sealant protects wire
- Waterproof and corrosion resistant
- Fast and easy installation
- Wire Range: 14-8 AWG solid copper | 14-6 AWG stranded copper  
14-10 AWG steel core (CCS)

## Self-Stripping MTS Connector

### DESCRIPTION:

- Self-stripping for fast and easy Installation
- Designed for direct bury applications
- Pre-filled dielectric silicone sealant protects wire
- Designed for use with solid/stranded copper and steel core tracer wire with .030” and .045” thick insulation
- Waterproof & corrosion resistant
- Wire Range: min 14-AWG / max 12-AWG

