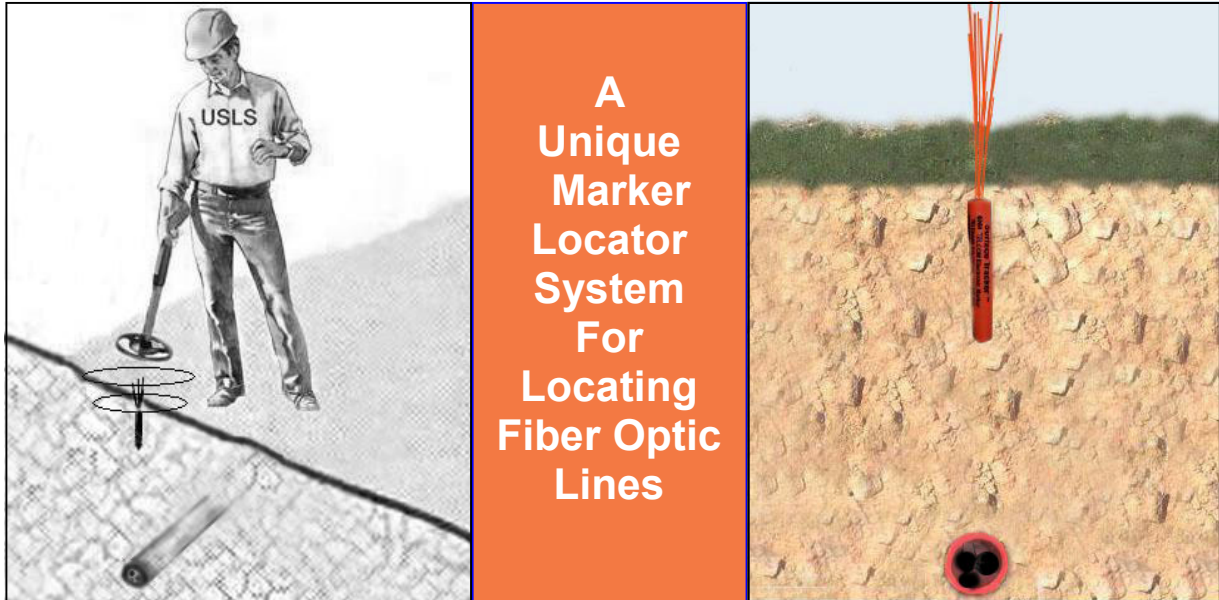




## **Wireless Locating of Fiber Optic Lines**

### **Surface Tracker #6060 Fiber Optic Locator**



**Electronic Markers Pinpoint Fiber Optic Location**

**“Avoid Directional Drilling Cross-bore and Third Party Damage”  
Electronically Mark and Re-Locate Fiber Optic Lines**

Surface Tracker is designed to remark and trace fiber optic lines. This innovative wireless locating method consists of two elements:

- Electronic Markers installed above fiber optic line
- A Marker Locator pinpoints location of each marker

#### **Re-Location**

Existing fiber optic lines are re-located by potholing, excavating, Sonde Tracing and radar locating. Depending on location, a Surface Tracker is installed with orange "whiskers" positioned above ground providing visible and electronic locating.

The Telemark locating system reduces risk associated with broken tracer wire as well as many other conditions that can lead to locating problems, including:

- Tracer wire breakage
- Rodent and gopher damage
- Anodic and chemical corrosion
- Flood damage
- Splice failure
- Removal by homeowner
- Damage by other utilities
- Trenchless construction boring

**SURFACETRACKER # 6060 FIBER OPTIC LOCATOR**  
**THE BEST WAY TO FIND FIBER OPTIC LINES**

**Fiber Optic Locating**

The fiber optic path can easily be determined by “connect-the-dot” locating and by placing a flag or stake over each marker as it is located. Placed at a maximum depth of two feet, the locator transmits a unique RF signal and the markers’ point locations determine the fiber optic path.



**Operating Principle:**

- Transmitter sends signal and listens for signal return
- Marker receives signal and returns it to locator
- Signal strength increases as locator gets nearer to buried marker
- Works with any Electronic Marker Locator made by 3M™, Metrotech™, Tempo™, Dynatel™, EMSII and Rycom™

**GPS + GIS**

Provides up-to-date facilities asset management when used in conjunction with hand held GPS and GIS mapping database.

X,Y,Z PinPoint Field Locating 2” accuracy is easily achieved with low cost GPS and electronic marker locators.

**EASY TO USE**

- Place:** Place 6060 Fiber Optic SurfaceTracker above fiber optic line at the recommended maximum depth of 9 inches
- Locate:** Identify 6060 Fiber Optic SurfaceTracker location with marker locator
- Training:** Requires less than 10 minutes of training

**PRODUCT SPECIFICATIONS**

<b>Product Name</b>	<b>6060 Fiber Optic SurfaceTracker</b>	<b>Max. Range</b>	<b>2 feet from locator probe</b>
<b>Model Number</b>	<b>6060</b>	<b>Frequency</b>	<b>101.4 kHz</b>
<b>Size</b>	<b>1/2” dia. x 16” height</b>	<b>Operating Temp</b>	<b>-40° to 167° F</b>
<b>Weight</b>	<b>.2 lbs.</b>	<b>Storage Temp</b>	<b>-40° to 167° F</b>
<b>Packaging:</b>	<b>200 units / carton</b>	<b>Color Code</b>	<b>Orange</b>

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