

FAULT/CABLE LOCATING EQUIPMENT

CABLE LOCATORS/ ROUTE TRACERS

AVO offers three models of cable locators/route tracers designed to meet different application requirements and budgets.

Biddle® Split-Box Pipe and Cable Locator

The Biddle® Split-Box Pipe and Cable Locator is a hand-held pipe and cable locator/route tracer in the classic "split-box" design, consisting of a transmitter and receiver. The unit can be used to trace underground conductive networks such as water and gas mains, telephone, cable TV, and power cables either energized or deenergized. It also determines buried line depth and locates underground metallic masses such as valve caps and manhole covers.

The Split-box Pipe and Cable Locator's transmitter energizes the underground metallic line with a radio-frequency signal that is then detected by the receiver. The metallic line can be energized either inductively (no direct connection required) or conductively (through direct connection to the line). The transmitted signal can be identified by either peak detection (maximum signal) or null detection (absence of signal). The unit is readily portable, yet virtually indestructible in rugged field environments.

Biddle® Energized Cable Tracer

The Biddle® Energized Cable Tracer is designed to locate, trace, and measure the depth of buried energized power cables. The unit weighs only 2.5 lbs. and includes a fully transistorized amplifier with 10-turn gain control for a wide adjustment range. The receiver of the locator features a filtering circuit that responds only to the existing electrical energy radiating from the buried cable.

Biddle® AccuTrace® Cable Route Tracer

The Biddle® AccuTrace® Cable Route Tracer is a hand-held cable locating/route tracing system featuring a patented superinductive circuit for tracing up to three miles away or determining the depth of cable down to 30 feet. The unit consists of a transmitter and receiver and can be used to trace underground conductive networks such as water and gas mains, telephone, cable TV, and power

cables. It also determines buried line depth. The AccuTrace's filtering system eliminates electric noise and static allowing the receiver to detect only the distinctive transmitted signal.

The instrument's transmitter energizes the underground metallic line with a radio-frequency signal that is then detected by the receiver. The metallic line can be energized either inductively (no direct connection required) or conductively (through direct connection to the line). The transmitted signal can be identified by either peak detection (maximum signal) or null detection (absence of signal). The receiver emits an extremely loud, adjustable audio output, eliminating the need for headphones.

An optional watertight capsule transmitter is used to locate a blockage in pipes.

Ordering Information for Cable Locators/Route Tracers

Catalog No.	Type	
656601	Energized Cable Tracer	
656902	Split-box Pipe and Cable Locator	
656621	AccuTrace® Cable Route Tracer	
Catalog No.	Optional Accessories for AccuTrace	
656626	Ring Clamp	
656927	Watertight Capsule Transmitter	
656628	Tape-on Transmitter	