

Cable Route Tracer

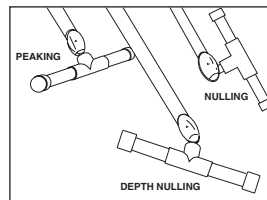


- **Lightweight, battery operated**
- **Locates, traces and measures depth of buried power cables**
- **Two sensitivity ranges**
- **Peak and null location methods**

DESCRIPTION

The Cable Route Tracer is designed to locate, trace and measure the depth of buried energized power cables. The heart of the instrument is a compact control box attached to a precision-wound, swivel-mounted detecting coil that operates from three basic positions:

- **Horizontal:** for maximum deflection over the cable
- **Vertical:** for a null over the cable
- **45° angle:** for a null at a horizontal distance from the cable that is equivalent to the cable depth



Operates from three basic positions

The receiver of the locator features a filtering circuit that responds only to the existing electrical energy radiating from the buried cable. The chronic problem of identification in congested areas is eliminated, because the receiver is insensitive to telephone lines, gas and water pipes, and steel reinforcing.

APPLICATIONS

By observing the meter on the control panel and/or the sound level in the earphones, an operator can easily follow main cable runs and service laterals. The operator can also pin-point both Y- and T-type splices and subsurface transformers. This instrument can sometimes be used to locate grounded electrical faults on un-shielded cable, particularly in direct buried installations.

FEATURES AND BENEFITS

- Locates and traces cable energized with 50/60 Hertz
- Three-way swivel detector also measures cable depth.
- Weighs only 2.5 lb (1.1 kg); can be used indefinitely with little fatigue
- Locator is not affected by telephone lines, gas or water pipes, steel reinforcing or metallic conduit.
- Fully transistorized amplifier has 10-turn gain control for wide adjustment range.
- Provides up to 150 hours of operation; instrument features a battery test circuit.
- Tracer responds to current flowing in the cable, even in metallic conduit.
- Two sensitivity ranges enable tracing of cables as much as 8 ft (2.4 m) deep.

SPECIFICATIONS

Battery

9-volt NEDA 1604, transistor type

Size

26 in. (66 mm) overall length

Weight

Operating Weight: 2.5 lb (1.1 kg)

Shipping Weight: 8.33 lb (3.8 kg)

ORDERING INFORMATION

Item (Qty)	Cat. No.
Cable Route Tracer with 60-Hz filter and earphones	656601
Included Accessories	
Battery	1482-1
Instruction manual	AVTM656600-01J
Optional Accessory	
Rigid carrying case	656603

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