

# Locators M-4

# Pipe & Cable Locators

## 810 Pipe & Cable Locator



The 810 Pipe & Cable Locator is an excellent instrument for tracing water and gas distribution lines, cables, inductive locating and blind searching. The high frequency signal is able to jump insulators and rubber gaskets in water and gas distribution systems. The 810 features a left/right guidance system which directs the operator toward the conductor path.

### Features:

- High frequency signal jumps insulators and gaskets.
- Excellent for inductive locating, direct clamp
- Saves you time – simultaneous peak/null
- Shows you the path – left/right guidance system
- System and audible tones
- Pinpoints your utility and indicates strength of transmitted signal – digital signal strength.
- No manual gain adjustments – fully automated
- Push button depth indicator for quick and easy depth readout
- Lightweight, and all readouts are line-of-sight, reducing user fatigue

### Standard Equipment:

Transmitter, Receiver, Soft Carrying Case, Conductive Attachments, Ground Rod, and Operation Manual.

### Accessories:

Metroclamps – 2", 4" and 8", Conductive attachment with telephone style clips, 100 foot ground lead extension and Sonde and Training videos/cds.

### Technical Data:

#### **810 TRANSMITTER:**

- **Nominal Output Power:** 250 mW
- **Frequency:** 83.0775 kHz + .002% Crystal Controlled for interference resistance
- **Battery Type:** Six NEDA 13F Alkaline D Cells
- **Battery Life:** 170 hours
- **Dimensions:** 8" L x 3.25" W x 7.75" H
- **Weight:** 3.9 lbs.

#### **810 RECEIVER:**

- **Trace Accuracy:** +1 inch from 0-3 ft. +3% over 3 ft. in depth
- **Depth Readout Accuracy:**  $\pm$  (5% + 2") under normal conditions
- **Depth Readout Range:** To 13 ft.
- **Sensitivity Control:** Automatic, no adjustments
- **Battery Type:** 4 NEDA 1604A Alkaline (9V)
- **Battery Test:** Indicated on Meter
- **Battery Life:** 140 hours
- **Temperature Range:** 0 - 110°F
- **Dimensions:** (Extended Length) 32.5" L x 7.5" W x 12.5" H
- **Weight:** 4.4 lbs.

DESCRIPTION	PRODUCT NUMBER
810 Line Tracer	60177 1
Metrotech Conductive Clamp	60177 2

**Ask your Team EJP Representative  
for a free demonstration**

# Locators M-5

# Pipe & Cable Locators

## 510 Pipe & Cable Locator



### Features:

- **Sleek, Lightweight Receiver** — for comfortable, upright locating
- **Peak and Null Operation** — for precise locating
- **Advanced Compression Circuitry** — provides crisp response in congested areas
- **High Efficiency Ferrite Antenna** — gets more power on the line
- **Crystal Control** — prevents frequency drift and maximizes receiver response
- **Narrow Band Antenna** — eliminates interfering frequencies

This sleek compact, Pipe and Cable Locator is an innovative, cost effective answer to the needs of general underground utility locating.

The lightweight (2 lbs.), 28" receiver can be held comfortably in one hand from an upright position. The signal strength meter is in direct line-of-sight and you can easily adjust the gain control with a finger or thumb. With a slight adjustment in instrument orientation you can switch from peak to null operating mode and pinpoint your conductor.

The Model 510 compression circuitry, crystal control and narrow band antenna features provide a clear, crisp receiver response, even in congested areas

Deceptively small, the 510 Transmitter operates in all standard locate modes — Direct Connect, Inductive Coupling and Induced Signal. A sealed jack is located at one end for connecting conductive attachments. This rugged, compact, one pound Transmitter easily fits into tight access areas.

An efficient ferrite antenna puts more concentrated power on your conductor. Graphics on the Receiver denote alignment for triangulation depth measurement. Both the Transmitter and the Receiver feature an automatic battery test on power up.

DESCRIPTION	PRODUCT NUMBER
510 Pipe & Cable Locator	60168

## TW-6 Pipe & Cable Locator



### Features:

- Locates underground pipes, cables, manhole covers, vaults, valve boxes and other metallic objects
- Used by water departments and other utilities when making repairs or rearranging lines
- Shows where to dig as well as where not to dig
- Fewer metallic parts boosts tracing distance
- Affordable, tough and easy to use
- Can conduct "blind" searches to locate pipe or cable when starting point is unknown
- Circuitry eliminates power line interference
- Weighs only 5½ pounds
- Powered by AA batteries
- Two year limited warranty

### SPECIFICATIONS:

#### RECEIVER:

Operating Frequency.....	81.92 kHz + .005%
Batteries .....	8 each AA (NEDA 15)
Weight .....	2½ lbs.
Dimensions .....	11½" x 9" x 3"
Operating Temperature .....	-10°F to +120°F

#### TRANSMITTER:

Operating Frequency.....	81.92 kHz + .005%
Batteries .....	8 each AA (NEDA 15)
Weight .....	3 lbs.
Sensitivity.....	Normal: 400 Uv Typical
.....	High: 8 Uv Typical
Signal-To-Noise Ratio.....	110 Db
Headset Impedance .....	600 Ohms (Mono),
.....	8 Ohms (Stereo)
Dimensions .....	11½" x 9" x 3"
Operating Temperature .....	-10°F to +120°F

DESCRIPTION	PRODUCT NUMBER
TW-6 Pipe & Cable Locator	60178

