

C.A.P Cable & Pipe Locator

Rycom Instruments® makes utility locating as accurate as you need, as simple as you want.

- **2 passive frequencies of 50Hz and RF (radio frequency) locate live utilities without the use of a transmitter**
- **33kHz frequency allow accurate tracing on both poor and good conductors**
- **Powerful 1 watt tracing signal is reliable for direct connection, transmitter and coupled induction**
- **Backlit digital display for low-light reading**
- **Double antennae with push button depth**
- **Weather proof membrane buttons**
- **Push button depth**
- **Made in the U.S.A.**

The Cable Avoidance Product cable, pipe, and locator offers 33 kHz, passive RF (Radio Frequency) and passive 50Hz – ensuring adequate signal sensitivity in any environment. Excellent noise rejection allow the user to accurately locate with a minimum of “ghosting” to adjacent lines.

The active frequency of 33kHz allows for signal application by three methods while maintaining the ability continue locating past faults and poor utility conductors. Passive frequencies identify “live” and charged lines by their naturally occurring electromagnetic fields. The CAP offers two passive frequencies – 50Hz and RF (radio frequency) – allowing line locating without the use of a transmitter.

Transmitter functions include transmitter induction and automatic impedance matching when using direct connection. All functions are accessed via weather-proof membrane buttons and both user input and transmitter status are verified with audible responses. Whether using direct connection, induction mode, or coupler induction the CAP is ideal for all three methods of signal application.

The ergonomically designed and balanced CAP receiver provides instant push-button depth up to 15 feet.

Audible proximity cues to the tracing signal are given to the user through peak signal response. The backlit digital display provides both relative and actual signal strength.

Conduits and pipe blockages can be located using the optional Sonde accessory. Operating on active frequencies of 33kHz. Sondes are inserted into non-pressurized conduits and pipes. Traceable 20 feet in the air and 10 feet in cast iron, the CAP receiver will identify the precise location of the Sonde.

Rycom Instruments®, Inc. locators are designed and manufactured to make utility locating as accurate as you need and as simple as you want. For more information on the CAP, or any other Rycom Instruments® product, please call us toll free at 1-800-851-7347 or visit us online at www.rycominstruments.com.



Each C.A.P. Cable, Pipe, and Fault Locator comes complete with a 1 watt transmitter, multi-function digital receiver, red/black test leads, ground rod, batteries, manual, locating basics video, and carrying cases.

RYCOM
instruments, inc.

www.rycominstruments.com
Accurate Utility Locating Made Simple

C.A.P. Specifications

Transmitter

Tone Frequency: 33kHz

Hook-up Connection: Direct connection, transmitter inductive coupling, coupled induction

Load Matching: Automatic from 5 ohms to 2000 ohms

Output Power:

Frequency	Normal	High
33kHz Hz	.5 W	1.0 W

Max Open Circuit Voltage: 30 V PK-PK AC

Operating Temperature: -4° F to +133° F (-20° C to +55° C)

Power Source: 8 "C" batteries

Battery Life: Greater than 36 hours

Size: Transmitter 8.5" x 5.8" x 2.5" (21 cm x 15 cm x 6 cm)

Weight: 2.2 lbs (1 kg)

Receiver

Operating Frequency: 33kHz, 50Hz, Radio Frequency

Antenna Mode: Peak,

Display Indicators: Backlit LCD bar graph, low battery, signal strength, mode and function indicators

Audio Indication: Variable pitch response

Power Source: Disposable: 6 "C" batteries

Battery Life: Continuous: 40 hours intermittent: 82 hours

Signal Strength: LCD bar graph, absolute signal strength readout

Gain Control: Up/down for automatic centering and manual

Dynamic Range: 126 dB

Depth Measurement: Push-button readout to 15 feet or manual triangulation method

Operating Temperature: -4° F to +133° F (-20° C to +55° C)

Size: 30.3" x 9.4" (77 cm x 24 cm)

Weight: 3 lbs (1.36 kg)



WARRANTY: One-year warranty from date of delivery against defects in material and workmanship (EXCEPT BATTERIES) on all instruments. This warranty is void if, after having received the instrument in good condition, it is subjected to abuse, unauthorized alteration or casual repair. We will repair or replace products that prove to be defective during warranty period. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WE ARE NOT LIABLE FOR CONSEQUENTIAL DAMAGES. **Terms:** Net 30 days, Missouri sales tax charged where applicable. **Shipping & Delivery:** All orders are FOB Raytown, MO. Specifications subject to change without prior notice.

RYCOM Instruments*, Inc. is a leading manufacturer and global supplier of cable, pipe and fault locating equipment. Established in 1946, RYCOM Instruments* Inc. maintains a state-of-the-art production facility and engineering department. Our guarantee is to deliver our customers a superior product and the locating equipment they need.

RYCOM Instruments*, Inc. locating devices are designed and manufactured to make utility locating as accurate as you need, and as simple as you want.

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