

Rycom 8879v3 Pipe and Cable Locator



Powerful and Features Packed Utility Locator Makes Accuracy Simple, Fast and Affordable

Built on a proven design and with Pathfinder SAF Technology™ at its core, the 8879v3 offers RYCOM's most advanced signal acquisition and filtering technology. The 8879v3 cable & pipe locators offer utility locators FrequencyFlex™ allowing users to adapt the system to their specific needs. Multiple active frequencies allow the user to accurately locate with a minimum of interference while maintaining the ability to continue locating past faults and around conduit bends. Passive frequencies identify "live" and charged lines by their naturally occurring electromagnetic fields. The 8879v3 offers multiple passive frequencies-50Hz, 60Hz, Radio Frequency, Cathodic Protection Rectifier & CATV-allowing line locating without the use of a transmitter.

Updated transmitter functions include improved transmitter induction, multi-frequency coupled induction ranging from 8 kHz to 118 kHz, and automatic impedance matching for direct connections. The 5 watt or 10 watt transmitter has the ability to simultaneously apply an two frequencies to a utility. From one transmitter setting the user can locate the main line as well as other services by "lighting up" the entire site. This set-and-forget feature saves you time and money by reducing the need to repeatedly relocate the transmitter. All functions are accessed via weather-proof membrane buttons and both use input and transmitter status are verified with audible responses. The ergonomically designed and balanced 8879v3 receiver provides instant push-button depth up to 25 feet and current measurement to help identify target utilities in crowded easements. Proximity cues to the tracing signal given to the user through either peak or null tone modes while the backlit digital display provides both relative and actual signal strength.

The 8879v3 can quickly and simply locate line when faults when used with the optional "A-frame" GRP (ground return probe). As the operator moves towards the fault the receiver will respond with rapidly peaking signal. When the "A-frame" is placed directly over the fault, the receiver will provide a null response.

Conduit pinches can be located using the optional Sondes. Operating on active frequencies of 512 Hz, 640 Hz, 815 kHz or 33 kHz Rycom Instruments® Sondes are pushed into non-pressurized conduits and pipes until they reach the point of pinch or blockage. Traceable 25 feet in the air and 10 feet in cast iron, the 8879v3 receiver will identify the precise location of the line blockage. Rycom Instruments®, Inc. locators are designed and manufactured to make utility locating as accurate as you need and as simple as you want.

Features:

Multiple active frequency options including the following:

- 512 Hz
- 640 Hz
- 815 Hz
- 8 kHz
- 33 kHz
- 65 kHz
- 82 kHz
- 118 kHz
- 131 kHz

Passive frequencies for locates of "live" utilities without the use of a transmitter:

- 50 Hz and 60 Hz
- Radio Frequency
- Cathodic Protection Rectifier
- CATV

Powerful 5 watt or 10 watt tracing signal is reliable for direct connection, transmitter and coupled induction.

Quadruple antenna array allows for pushbutton depth, line direction, line orientation and current measurement.

Made in the USA.