

Locator/Receiver

3M Dynatel Model 2250[®]

LCD Depth Readout
Multiple Frequencies
Easy-to-use



The 3M Dynatel™ 2250 Advanced Cable Locator/ Receiver is for locating buried cables or Active Duct Probes (sondes). It also measures and pinpoints conductor faults in aerial cables.

The digital receiver provides four locating modes to accomplish fast tracing and to pinpoint or verify a buried cable. The receiver detects 50 to 60Hz AC power signals, measures the signal current in a cable and displays its magnitude. The depth of the buried cable or sonde may also be displayed.

The Receiver, as mentioned, operates on multiple frequencies, including 512Hz. All Ratech cameras, excluding the Ultra Micro, come standard with an in-line built-in 512Hz transmitter. The Ratech family of small pipeline inspection camera systems including the PH JR.®, the Fast Peek®, the PMV®, and the entire Elite line all have a transmitter provided at no extra cost.

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Specifications

Receiver

- Light weight (4.1 lbs/1.9 kg)
- Digital receiver
- Multiple trace modes
- Durable enclosure
- Temperature range: Operating -4° to 122°F (-22° to 50°C)
Storage: -40° to 158°F (-40° to 70°C)

Operational Frequencies

- Frequencies:
 - Active: 577 Hz, 8 kHz, 200 kHz
 - Passive: 50 Hz or 60 Hz (user selectable)
L50/60 (5th harmonic)
H50/60 (9th harmonic)
100/120 (rectified power frequencies)
 - Auxiliary: 31.5 kHz, 512 Hz, 560 Hz

Trace Modes

- Dual pea
- Special peak
- Dual null
- Differential

Depth Range / Accuracy

- LCD depth readout
- 0 to 360" (0 to 914 cm)
- +/-10% for 0 to 60" (0 to 152 cm)
- +/-15% for 60 to 180" (152 to 457 cm)
- +/-20% for 180 to 360" (457 to 914 cm)

Battery Life

- 50 hours, typical
- Six alkaline size AA included



Optional Equipment

- Protective covering case
- Direct coupling device for line tracing
- External sonde transmitter

Warranty

One year parts and labor against defects in manufacturing. System must be returned to factory for warranty repairs. Damage caused by user or carrier will not be covered under Ratech's standard warranty.



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