



Partner for Test & Measurement  
Equipment Services and Data Solutions

# Video Ancillary Equipment & Magnetic Locators

## Remote Visual Inspection (RVI)



Radiodetection

## Radiodetection RD7000+ Universal Precision Cable, Pipe and RF Marker Locator with TX5 Transmitter

Pine Item #54764 / 54763

### DESCRIPTION:

**Rent together** - these two items have been designed to complement each other (may also be rented individually).

**Item #54764 RD7000+ Universal Precision Cable, Pipe, and RF Marker Locator.** Locating specific pipes, cables, and utility RF markers in large underground networks are very complex.

**Item #54763 T-5 Multifunction Signal Transmitter.** This signal transmitter has been designed to complement the RD7000+ high-precision cable and pipe locator.

### FEATURES:

- Lightweight and designed with ergonomic comfort
- RF utility marker locator with automatic depth estimation
- The compass visually indicates the orientation of the target cable
- Proportional Left-Right Arrows visually indicates the orientation of the target cable
- Dynamic Overload Protection extends the RD7000+'s locate capability into areas where other products fail.
- RD7000+ marker locator models offer Bluetooth connectivity as standard
- Automatic data logging and CALSafe (PLM and TLM models) PLM and TLM models feature integral logging systems
- Transmitter TX-5 model is capable of delivering up to 10W of true output power, maintaining constant current across their entire bandwidth in direct connect, clamp or inductive modes to enable fast and repeatable surveys
- TX-5 model features 8kHz Fault Find functionality



### APPLICATIONS:

- Construction industry - a broad range of active frequencies for rugged construction
- Water industry - user working in pipe location and inspection
- Power industry - features fault find capability, enabling cable faults to be precisely located
- Telecom industry - locating high impedance sheathed telecom cables

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## Product Specifications

<b>Sensitivity</b>	5µA at 1 meter (33kHz)
<b>Dynamic Range</b>	140dB rms/vHz
<b>Selectivity</b>	120dB/Hz
<b>Maximum depth</b>	Line: 20' / 6m Sonde: 50' / 15m RF Markers: Near Surface: 2' / 60cm Ball Marker: 4.9' / 1.5m Mid-Range: 5.9' / 1.8m Full Range: 7.9' / 2.4m
<b>Depth accuracy</b>	Line: ± 5% tolerance 4" / 0.1m to 10' / 3m Sonde: ± 5% tolerance 4" / 0.1m to 23' / 7m RF Markers: ± 15% ± 2" / 5cm up to the maximum depth
<b>Locate accuracy</b>	± 5% of depth
<b>Fault-Finding (FF)</b>	Diagnose cable sheath faults from short circuit to 2M $\Omega$ using the A-frame
<b>Max Transmitter Power output</b>	1W (Tx-1) 5W (Tx-5 and Tx-5B) 10W (Tx-10 and Tx-10B)
<b>Dynamic overload protection</b>	30dB (automatic)
<b>Batteries</b>	Cable and Pipe Locator: 2 x D-cells (LR20) or optional Li-Ion battery pack Marker locator: Li-Ion battery pack or 3 x D-cells (LR20) Transmit
<b>Battery Life (continuous usage)</b>	Cable and Pipe Locator: Alkaline up to 13 hours Marker Locator: Li-Ion or Alkaline up to 25 hours Transmitter: Alkaline up to 23 hours
<b>Warranty</b>	12 Month standard 36 Months upon registration
<b>Compliance</b>	FCC RSS 310 RoHS Weee CE Bluetooth
<b>Weight</b>	Cable and Pipe Locator: 4.2lbs / 1.9kg (including alkaline batteries) Marker Locator: 4.6lbs / 2.1kg (including Li-Ion battery pack) Transmit
<b>Dimension (H x D x W)</b>	Cable and Pipe Locator: 25.5" x 11.3" x 4.9" / 648 x 286 x 125mm Marker Locator: 25.5" x 11.3" x 7" / 648 x 286 x 177mm Transmitter: 14" x 8"
<b>Construction</b>	Injection Molded ABS Plastic
<b>Ingress Protection</b>	IP54
<b>Operating Temperature</b>	14 to 122°F / -10 to 50°C



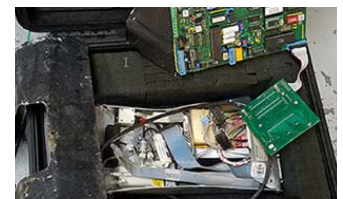
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan