

SUBSITE CABLE AVOIDANCE

> 250R/T



Get a grip on what's beneath your feet with the 250R/T system, one of the most efficient and cost-effective methods for locating and avoiding buried telephone, CATV, power, gas, and water lines. Consisting of a 250T transmitter and a 250R receiver with passive or active capabilities, this simple, light-weight system features intuitive controls, an easy-to-read display, and depth estimation up to 15 ft (4.6 m). Whether you use it passively or actively, the 250R/T will help you get a handle on any situation.



250 RECEIVER SPECIFICATIONS

KEY FEATURES

Simplified digital controls are arranged for easy operation.

Display is backlit and reinforced with a scratch-resistant coating for optimal visibility day, night, and well into the future.

Best-in-class dynamic range means the 250R/T can locate even when signals are extremely weak or extremely strong.

Rugged design and moisture-resistant cases stand up to long-term use and tough weather conditions; housings are up to 2.5 times thicker in wearable areas than similar models.

Tones are derived from the actual signals radiating from pipes or cables, so even novice users can distinguish the signal from background noise.

Manufactured with 2/3 fewer components than similar models; fewer mechanical and electrical connections mean greater reliability.

With 1 Watt of power, the 250T is ten times more powerful than other transmitters in its class. It can apply 33-kHz signals via direct connect, induction clamp, or other optional accessories.

Dimensions	U.S.	Metric
Length	11.5 in	290 mm
Height	27.5 in	700 mm
Width	4.00 in	100 mm
Operating Weight	5.00 lb	2.3 kg
Operation		
Dynamic Range	146 dB	146 dB
Operating Temperature Range	-4 to 122°F	-20 to 50°C
Antenna Configurations	Twin peak	Twin peak
Audio Output	Speaker	Speaker
Operating Modes		
Active Line	33 kHz	33 kHz
Beacon (locate/depth only)	33 kHz	33 kHz
Passive Line	50 Hz or 60 Hz, no depth available	
Radio	Passive locate, no depth available	
Locating Ranges		
Line	15 ft	4.6 m
Beacon	10 ft	3.0 m
Maximum Depth Ranges*		
Active Line ±5%	0.5 - 10 ft	0.15 - 3.0 m
Active Line ±10%	10 ft and deeper	3.0 m and deeper
Beacon ±5%	0.5 - 10 ft	0.15 - 3.0 m
LCD Backlight	yes	yes
Batteries		
Type	6 C-cell alkaline	6 C-cell alkaline
Battery Life	Approx. 40 hours (continuous use at 21 °C)	
Battery Saver	Unit shuts off after 5 min. of inactivity	

250 TRANSMITTER SPECIFICATIONS

Dimensions	U.S.	Metric
Length	12.25 in	311 mm
Height	9.25 in	235 mm
Width	4.5 in	114 mm
Operating Weight	5.0 lb	2.3 kg
Operation		
Operating Temperature Range	-4 to 122 °F	-20 to 50 °C
Maximum Power Output	1 Watt	1 Watt
Operating Modes		
Active Line	33 kHz	33 kHz
Batteries		
Type	6 D-cell alkaline	6 D-cell alkaline
Battery Life	Approx. 150 hours (continuous use at low power level)	