

- when it has to be **right** *Leica*
Geosystems

Leica Utility Detection EM Cable Locator Comparison

						
	ULTRA ADV	ULTRA STD	DD230	DD220	DD130	DD120
Passive Modes	✓	✓	✓	✓	✓	✓
Active Modes	✓	✓	✓	✓	✓*	✓*
Long Distance Tracing	✓	✓	✓		✓	
Extra Tracing Modes	✓	✓				
Depth Estimation	20 ft	20 ft	23 ft	16 ft	10 ft	10 ft
Current Measurement	✓	✓	✓		✓	
Depth Accuracy	±5%	±5%	±5%	±5%	±10%	±10%
* No 131kHz						

Passive Modes

Passive mode is the easiest and quickest way to locate energized cables and metallic pipes. You can either select the power or radio modes.

- Power Mode: Locates power signals radiated by energized cables which pose the most significant risk to excavation teams
- Radio Mode : Traces signals originating from distant radio transmitters. These signals penetrate the ground and are reradiated by buried conductive utilities

Active Modes

A signal transmitter and the locator are used in conjunction with each other. The transmitter is used to apply a signal to a utility, enabling it to be traced and depth estimation acquired.

- Standard avoidance modes 8kHz, 33kHz, 131kHz

Long Distance Tracing

Long Distance Tracing, the lower frequencies of 512Hz and 640Hz allow tracing distances to increase

Extra Tracing Modes

Extra Active Modes- multiple frequencies from ranging from low to high to complete a wide number of locate applications.

Depth Estimation

Depth estimation is used in conjunction with the signal transmitter or sonde. With a single press of the button operators can determine the depth of a buried utility.

Current Measurement

Current measurement displays the amount of current flowing through a utility helping to trace and verify the utility to which the signal transmitter is connected.

Depth Accuracy

Depth accuracy is the accuracy range of depth estimations.