



# UTILIGUARD<sup>®</sup> QUICK REFERENCE

## LEGEND
















 **Direct Connect Leads**

 **Standard Induction Clamp**

 **Broadband Induction Clamp**

 **Broadcast Induction**

## ACTIVE LOCATING

RANGE	CHARACTERISTICS	FREQUENCY	METHOD	TRANSMITTER POWER MAXIMUM
<b>LOW</b>	<b>Intended for:</b> low resistance utilities <b>Works well with:</b> well-insulated or well-grounded lines <b>Examples:</b> Telecom, Good Tracer Wire, etc.	<b>263 Hz</b>	 	12 Watts
		<b>870 Hz</b>	 	12 Watts
<b>MID</b>	<b>Intended for:</b> higher resistance utilities <b>Works well with:</b> poor or un-insulated lines <b>Examples:</b> Damaged Tracer Wire, Direct Buried Pipe, etc.	<b>3.14 kHz</b>	 	12 Watts
		<b>8.01 kHz</b>	  	12 Watts
<b>HIGH</b>	<b>Intended for:</b> an avoidance tool or higher resistance utilities <b>Works well with:</b> poor or un-insulated lines <b>Examples:</b> Open/Un-grounded Tracer Wire, Direct Buried Pipe, Ductal Pipe, etc.	<b>44.6 kHz</b>	  	10 Watts
		<b>83 kHz</b>	  	1 Watts

## PASSIVE LOCATING

### POWER MODE

FREQUENCY	
ELECTRIC UTILITIES	CATHODIC LINES
50, 60, 150, 180, 300, 540 Hz	100 Hz 120 Hz (single phase) 360 Hz (three phase)