MODEL 247B

Hotstick Line Sniffer



Pinpoint RFI and Sparking on Energized Power Lines

The Model 247B Hotstick Line-Sniffer is a specialized field instrument designed to locate and pinpoint gap-type discharges and sparking sources that generate radio frequency interference on distribution power lines. The instrument combines VHF detection for locating the general area of a disturbance with ultrasonic detection for precise identification of loose hardware, leakage paths, cracked insulators, and other defects. Audio feedback is broadcast through the sounding horn, providing a clear, easily interpreted tone in field conditions.

Mounted to a standard hotstick using the universal adapter, the 247B allows crews to maintain safe working distances while scanning energized structures from the ground or a bucket. Fully self-contained, the instrument requires no external amplifiers, headsets, or battery packs. It can be used both to pinpoint interference sources and to verify that corrective work has successfully eliminated them. In typical workflows, the 247B follows pre-location with the Model 243 or M-331 RFI Locator, providing the final precision step needed to identify the exact component producing the interference.

SPECIFICATIONS	
DETECTION METHODS	VHF AND ULTRASONIC
ULTRASONIC FREQUENCY	40 KHZ (CLOSE RANGE)
VHF FREQUENCY	110 MHZ NOMINAL (MODERATE RANGE)
ANTENNA	RETRACTABLE VHF ROD ANTENNA
ULTRASONIC PROBE	CLOSE RANGE PINPOINTING
AUDIO OUTPUT	INTEGRAL SOUNDING HORN
SENSITIVITY	FIELD-ADJUSTABLE
MOUNTING	STANDARD HOTSTICK UNIVERSAL ADAPTER (INCLUDED)
POWER	9V ALKALINE BATTERY
DIMENSIONS	1.5 X 4.25 X 2.5” (INSTRUMENT) 19 X 12X 5” (CARRYING CASE)
WEIGHT	1.2 LBS

Product Features

Dual-Mode Detection

Combines VHF and ultrasonic detection for efficient source location.

Hotstick Operation

Mounts to a standard hotstick for scanning energized structures at a safe working distance.

Fully Self-Contained

Requires no external amplifiers, headsets, or battery packs for field operation.

Precise Pinpointing

Identifies loose hardware, leakage paths, cracked insulators, and other discharge sources.

Signal-Responsive Audio

The integral sounding horn produces a clear audible tone that increases with signal strength in both VHF and ultrasonic modes

Rugged, Lightweight Design

Built for demanding field use with a lightweight, durable instrument housing.

Radar Engineers Inc.

To learn more please visit
https://radarengineers.com

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