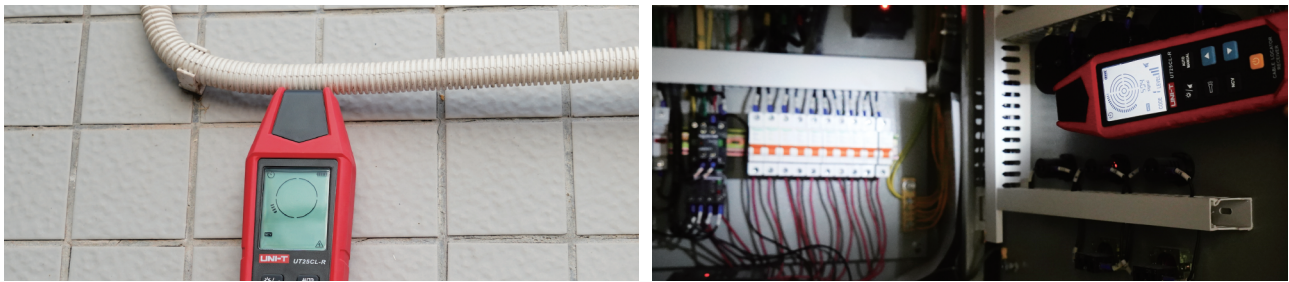


Technical Specifications

Specifications	
Features	1, Find conductors inside the wall, detect conductor interruptions or short circuits. 2, Trace the underground cable paths. 3, Locate fuses and devices associated with the fuses. 4, Identify short circuits and open circuits in the underfloor metal heating. 5, Trace metal water pipes and metal heating pipelines. 6, Adjustable sensitivity automatically/manually (Receiver: 3 levels; Transmitter: 9 levels)
Transmitter	
Output signal	33KHZ
Energized wire voltage range	AC/DC 8~480V; AC: 50/60Hz/ 2.5% ±3deg
Screen	Segment code LCD (TN; Translucent)
Backlight	√
Code value	0, 1, 2, 3, 4, 5, 6, 7
Signal strength	three level: 1, 2, 3
Unipolar test	√ (energized wire test, max voltage 480V)
Bipolar test	√ (energized wire test, max voltage 480V)
ELV LED indicator	1. If the input voltage exceeds 25V, the ELV LED turns on. 2. As the voltage rises, the brightness of the ELV LED increases. 3. In any other case, the ELV LED will be dim or not illuminated.
Receiver	
Receiving frequency	33KHz
Tracing depth	Around 0~2.5m (unipolar mode; single-circuit: 2.5m) Around 0~0.5m (bipolar mode)
NCV voltage range	80V~1000V, 50Hz/60Hz
Voltage detection depth	Around 0~0.4 meters
Code value	0, 1, 2, 3, 4, 5, 6, 7
Signal strength	three level: 1, 2, 3
Multi-Transmitters compatible	Up to 8pcs
Screen	Segment code LCD (TN; Translucent)
Others	
Flash light	√
Backlight	√
Manual sensitivity adjustment	√
Over voltage category	CAT III 480V
Pollution rating	2
IP rating	IP54



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UT25CL Cable locator

The UT25CL Cable Locator is a powerful device consisting of a transmitter and receiver. With state-of-the-art sensors, it effortlessly tracks cables and wires, saving you time and preventing accidental damage during installations or repairs.

This tool detects conductors, identifies interruptions or short circuits, traces underground cables, and locates fuses and associated devices. It also detects short circuits and open circuits in underfloor heating, traces metal water pipes and heating pipelines, and supports up to 8 transmitters.

It is perfect for residential or commercial projects.



AC/DC voltage
measurement



NCV
detection



Sensitivity
adjustable



Live test



Multiple
transmitters
compatible



Audible &
Visual
indication

⚡ AC/DC voltage measurement



The measurement range is AC/DC 8~480V (AC frequency:50/60Hz), and the polarity can be identified.

⚡ Identify circuit breakers and fuses



The circuit tracer determines the correct breaker or fuse location using signal strength and encoding accuracy. No matter energized or none energized ones.

⚡ Low voltage wire (path) detection



It is used for in-wall wiring or underground cable detection, which is convenient for home improvement construction to find cable paths.

⚡ Low voltage wire (short circuit) detection



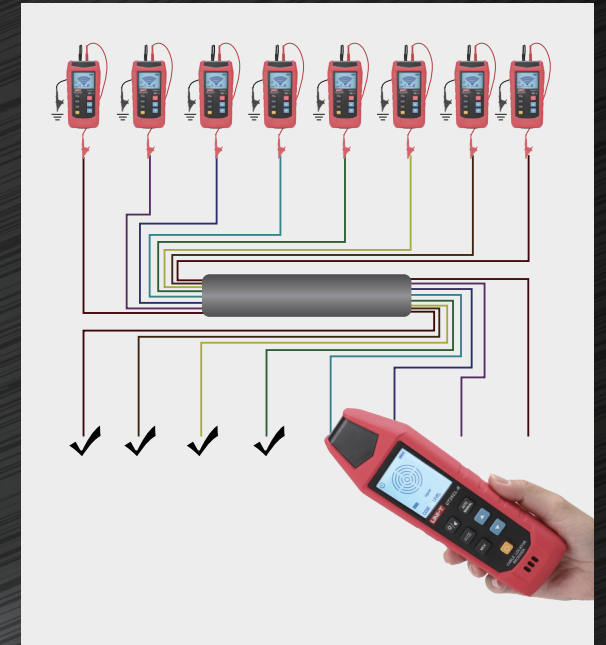
It is used for in-wall wiring or underground cable detection, which is convenient for home improvement construction to find the location of cable short circuit fault.

⚡ Low voltage wire (open circuit) detection



It is used for in-wall wiring or underground cable detection, which is convenient for home improvement construction to find the location of cable open circuit fault.

⚡ Multiple transmitters compatible



- 1, Multiple transmitters can perform the measurement at the same time with different codes;
- 2, 1 receiver supports up to 8 transmitters at the same time;

⚡ Find the specific wire



A specific wire can be quickly found in a multi-core cable, or multiple UT25CLT transmitters can be used at the same time with different codes.

⚡ Adjustable Sensitivity

The transmitter supports three adjustable signal levels, which effectively avoids signal interference and prevents the receiver signal saturation caused by strong signals covering too large area.

