

## TECHNICAL DATA

# Fluke 2042 Cable locator



## Key features

- For all applications (live or dead cables) without additional instruments
- Set includes a transmitter and a receiver
- Proven digitally coded sender signal guarantees clear signal identification
- Transmitter with LC-display for transmitting level, transmitting code and external voltage
- Receiver with a backlight LC-display for level of receiving signal, code of receiving signal and live voltage indication
- Automatic or manual adjustment of receiving signal sensitivity
- Acoustical receiving signal switchable
- Auto-Power-Off
- Additional torch lamp function for working in dark environments
- Additional transmitters are available for extension of to distinguish between several signals

### Safety Conformance

All inputs of the Fluke 2042 is protected to EN61010-1 CAT III 300V rating.

## Product overview: Fluke 2042 Cable locator

### The multipurpose solution to cable location

The Fluke 2042 is a professional general purpose cable locator. It is ideal for tracing cables in walls and underground, locating fuses/breakers on final circuits and locating interruptions and short-circuits in cables and electrical floor heating systems. It can also be used for tracing metallic water and heating pipes. The unit is supplied as a complete kit comprising of a transmitter and receiver in a purpose-made carry case. The receiver also incorporates a torch function for working in dimly lit locations.

## Specifications: Fluke 2042 Cable locator

Technical Specifications		
Voltage measurement range	Transmitter	12 V, 50 V, 120 V, 230 V, 400 V
Frequency range	Transmitter	0 - 60 Hz
Output signal	Transmitter	125 kHz
Voltage	Transmitter	Up to 400 V AC/DC
Tracing depth cable location	Receiver	0 - 2.5 m wall/underground cables
Main voltage detection	Receiver	0 - 0.4 m
Environmental specifications		
Operating temperature	Transmitter	0 to 40°C
	Receiver	0 to 40°C
Storage temperature	Transmitter	-20°C to +60°C
	Receiver	-20°C to +60°C
Humidity (without condensation)	Transmitter	Max. 80% relative
	Receiver	Max. 80% relative
Operating altitude	Transmitter	Up to 2000 m
	Receiver	Up to 2000 m
Safety specifications		
Electrical safety	EN 61010-1	
Overvoltage category	Cat. III 300 V	
Mechanical and general specifications		
Size	Transmitter	190 x 85 x 50 mm
	Receiver	250 x 65 x 45mm
Weight	Transmitter	0.45 kg
	Receiver	0.36 kg
Batteries	Transmitter	6 pc Batteries 1.5V
	Receiver	1 pc Battery 9V
Warranty	2 years	

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08/2023

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