

FLUKE®

2042 Cable Locator

Technical Data

End the hide and seek.

The Fluke 2042 Cable Locator is a portable, handheld instrument that is used to trace wires in walls, locate breaks in cables and short circuits, associate electrical outlets with circuit breakers, and trace underground cables.

Whether you work in residential or commercial applications, the Fluke 2042 will save you time and effort as you install wiring for new applications or troubleshoot existing installations.

One tool is all you need, the Fluke 2042 Cable Locator.

- Large display with bar graph and backlight
- Automatic and Manual sensitivity adjustment
- Audible detection
- Additional flashlight
- Auto Power Off
- CAT III 300 V
- Included Components: Fluke Cable Receiver, Fluke Cable Transmitter, 4 test leads, 2 test probes, 2 alligator clips, all batteries for operation
- Find wires in walls
- Find short circuits and breaks in cables
- Detect electrical outlets linked to circuit breakers
- Trace underground cables
- Detect shorts in floor heating
- Trace metal water and heating pipes



Specifications

Transmitter

Output signal: 125 kHz

External voltage detection voltage range:
12 to 400 V

Frequency range: 0 to 60 Hz

Display: LCD with display of functions

External voltage detection: max. 400 V ac/dc

Over voltage category: CAT III 300 V

Pollution Degree: 2

Power supply: 6 x 1.5 V, IEC LR6

Power consumption: max. 40 mA

Fuse: F 0.5 A 500 V, 6, 3 x 32 mm

Temperature range:

Work: 0 °C to 40 °C, max 80 % relative humidity (without condensation).

Storage: -20 to +60 °C, max 80 % relative humidity (without condensation).

Height above MSL: up to 2000 m

Size (HxWxD): 190 mm x 85 mm x 50 mm

Weight:

Without battery: approx. 260 g

With battery: approx. 400 g



Receiver

Tracing depth: The tracing depth depends of medium and application

Cable locator mode:

Single-pole application: approx. 0 to 2 m

Double-pole application: approx. 0 to 0.5 m

Voltage detection: approx. 0 to 0.4 m

Display: LCD with functions- and bargraph

Power supply: 1 x 9 V, IEC 6LR61

Power consumption:

Without backlight or lamp: approx. 17 mA

With backlight: approx. 50 mA

With backlight and lamp: max. 70 mA

Temperature range:

Work: 0 °C to 40 °C, max 80 % relative humidity (without condensation).

Storage: -20 °C to +60 °C, max 80 % relative humidity (without condensation).

Height above MSL: up to 2000 m

Size (HxWxD): 250 mm x 65 mm x 45 mm

Weight:

Without battery: approx. 220 g

With battery: approx. 270 g

Warranty: 2 years

Included

Fluke Cable Locator Transmitter

Fluke Cable Locator Receiver

4 Test Leads

Battery 9 V, IEC 6LR61

6 Batteries 1.5 V, IEC LR6

2 Crocodile Clamps

2 Test Probes

Carrying Case

Users Manual

Ordering Information

Fluke 2042 Cable locator

Fluke 2042T Spare/Additional Transmitter

Fluke. Keeping your world up and running.

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PO Box 1186, 5602 BD

Eindhoven, The Netherlands

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