

ECB50A Circuit Breaker Finder and AC Cable Tracer

Three testers in one

With one tool, the Beha-Amprobe ECB50A Breaker Tracer, you can perform three types of tests: Identify the circuit breaker to an electrical socket, trace AC cables in walls up to 40 cm, or sort wires in a bundle.

ECB50A Features

- **Identify circuit breaker** to an electrical socket
- **Locating and tracing of AC cables** in walls
- **Sort wires** in a bundle
- **Microprocessor controlled**
- **Coded transmission** allows easy separation of transmitter signal
- **Fast and accurate locating** of fuses and assignment to circuits
- **Transmitter signal** displayed optically and acoustically by the receiver
- **Simple switching** between fuse and cable finder function
- **Continuous sensitivity adjustment** of receiver
- **Audible and visual indicators**
- **Low battery indicator**
- **Cable tracing depth** – up to 40 cm
- **NEMA 5-15 plug**
- **Set includes** transmitter and receiver in robust carrying case



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ECB50A Detailed Specifications

(Valid for 23 °C ± 5 °, for less than 80 % relative humidity)

	ECB50A
Transmitter	
Voltage range	100 V to 150 V
Power consumption	approximately 1 W
Frequency range	50/60 Hz
Transmission frequency	Approximately 8 kHz
Transmitter frequency	Approximately 10 Hz
Operating temperature range	-10 °C to 40 °C (14 ° to 104 °F) at max 80 % R.H.
Dimensions	70 x 55 x 86 mm (2.8 x 2.1 x 3.4 in)
Weight	Approximately 65 g (2.3 oz)
Overvoltage category	CAT III 150 V
Pollution degree	2, Protection Class: IP20
Receiver	
Tracing depth for fuse identification	Approximately 0 to 10 cm (4 in) depending on local conditions
Tracing depth for cable location	Approximately 0 to 40 cm (15 in) depending on local conditions
Sensitivity setting	Using On/Off control
Low battery indication	7.5 V
Switching fuse/cable	manually using Fuse-Line switch
Operating temperature range	-10 °C to 40 °C (14 ° to 104 °F) at max 80 % R.H.
Dimensions	22 x 162 x 34 mm (0.9 x 6.4 x 1.3 in)
Weight	Approximately 100 g (3.5 oz)
Overvoltage category	CAT III 300 V
Pollution degree	2, Protection Class: IP20
Power supply	9 V battery, IEC 6LR61, Alkaline only
Applicable directives and standards	EMC: EN 50081-1 and EN 50082-1, EN61010-1:2001



Included Accessories:
User manual, transmitter, receiver,
batteries installed