



The R5330 is ideal for identifying breaks, short circuits, and open-circuit interruptions in cables, underfloor heating systems, and other conductors. It can also detect faults in radiant heating systems, trace metallic water pipes, heating radiators, and buried conductors, and sort and identify conductor pairs.

### Features

- LCD screens display signal strength, transmission code, and voltage presence
- Coded transmission for increased precision
- Audible and visual signal strength indicators with variable tone
- Adjustable sensitivity
- Backlit LCD
- Integrated flashlight supports applications in low lit environments
- Built-in non-contact voltage detector
- Low battery indicator and auto shut-off
- Includes in-line test leads, alligator clips, lantern-tip test probes, ground rod, carrying case and batteries

### Specifications

#### Transmitter

|                                         |                     |
|-----------------------------------------|---------------------|
| External Voltage:                       | 8 to 480V           |
| External Voltage Frequency:             | 50 to 60Hz          |
| External Voltage Accuracy:              | ±(2.5% rdg. +3dgt.) |
| External Voltage Detection:             | 480V AC/DC          |
| External Voltage Over Voltage Category: | CAT. III 480V       |
| Output Signal Frequency:                | 33kHz               |

### TECHNICAL DATA

|                                    |                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------|
| Display:                           | LCD                                                                                    |
| Backlit Display:                   | Yes                                                                                    |
| Adjustable Sensitivity:            | Yes (3 levels)                                                                         |
| Fuse Protection:                   | Yes (FO.6A 600V)                                                                       |
| Replaceable Leads:                 | Yes                                                                                    |
| Magnetic Hanging Strap Compatible: | Yes (R5900 sold separately)                                                            |
| Auto Power Off:                    | Yes                                                                                    |
| Power Supply:                      | 6 x AA Batteries                                                                       |
| Low Battery Indicator:             | Yes                                                                                    |
| Battery Life:                      | 10 hours                                                                               |
| Storage Temperature:               | -4 to 140°F (-20 to 60°C)                                                              |
| Operating Temperature:             | 32 to 104°F (0 to 40°C)                                                                |
| Operating Altitude:                | ≤6561' (2000m)                                                                         |
| Overvoltage Category:              | CAT. III 600V                                                                          |
| Product Certifications:            | CE, UKCA, RoHS                                                                         |
| Dimensions:                        | 7.4 x 3.8 x 1.9"<br>(189 x 96 x 48mm)                                                  |
| Weight:                            | 18.6oz (528g)                                                                          |
| <b>Receiver</b>                    |                                                                                        |
| Output Signal Frequency:           | 33kHz                                                                                  |
| Detection Depth:                   | Single Pole: (0 to 2.5m)<br>Double Pole: (0 to 0.5m)<br>Voltage Detection: (0 to 0.4m) |
| Analog Bargraph Display:           | Yes                                                                                    |
| Adjustable Sensitivity:            | Yes (3 levels)                                                                         |
| Non-Contact Voltage Detector:      | Yes (80-1000V, 50/60Hz)                                                                |
| Built-in Flashlight:               | Yes                                                                                    |
| Auto Power Off:                    | Yes                                                                                    |
| Power Supply:                      | 6 x AAA Batteries                                                                      |
| Low Battery Indicator:             | Yes                                                                                    |
| Battery Life:                      | 15 hours                                                                               |
| Storage Temperature:               | -4 to 140°F (-20 to 60°C)                                                              |
| Operating Temperature:             | 32 to 104°F (0 to 40°C)                                                                |
| Operating Altitude:                | ≤6561' (2000m)                                                                         |
| Product Certifications:            | CE, UKCA, RoHS                                                                         |
| Dimensions:                        | 8.9 x 2.7 x 1.5"<br>(226 x 68 x 38mm)                                                  |
| Weight:                            | 12.5oz (354g)                                                                          |

| Model        | Description            |
|--------------|------------------------|
| <b>R5330</b> | Advanced Cable Locator |
| <b>R5900</b> | Magnetic Meter Strap   |