



Specification CD1000 Cable Detector



ELECTRICAL SPECIFICATIONS

Transmitter:

Output carrier signal frequency: 125 kHz

Voltmeter function:

Range: 12V to 400V DC & AC rms (50Hz to 60Hz)

Accuracy: $\pm 2.5\%$

Maximum input voltage 400V DC or AC rms

Receiver:

Tracking Depth

| Cable locating mode | Maximum tracking depth |
|---------------------|------------------------|
| Single pole | 2m approx |
| Dual pole | 0.5m approx |
| Single loop line | 2.5m approx |
| UAC | 0.4m approx |

GENERAL SPECIFICATIONS

Temperature & Humidity

Operating: 0°C to 40°C max 80% R.H. (non condensing)

Storage: -20°C to 60°C max 80% R.H. (non condensing)

Altitude: up to 2000m



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Power

Transmitter: single 9V IEC 6LR61 battery

Receiver: 6 x 1.5V AAA, IEC LR03 batteries

Current consumption

Transmitter: 31mA approx minimum

115mA approx maximum

Receiver: 32mA approx minimum

89mA approx maximum

Auto off time: 10 minutes approx (receiver only)

Dimensions

Transmitter: 190 x 89 x 42.5mm

Receiver: 241.5 x 78 x 38.5mm

Weight

Transmitter: 360g approx (batteries not included)

420g approx (batteries included)

Receiver: 280g approx (batteries not included)

350g approx (batteries included)

Includes: bag, TL47 test leads (with crocodile clips), earthing rod, 9V alkaline battery, 1.5V alkaline battery x 6 and instructions.

Safety

Transmitter:

Conforms to BS EN61010-1 CAT III 300V

Class II Double Insulation

Pollution degree: 2

Receiver:

Conforms to BS EN 61010-1 CAT III 600V

Class II Double Insulation

Pollution degree: 2

Test leads supplied conform to BS EN61010-031 CAT III 1000V, 10A

EMC: Conforms to BS EN61326