

VOLTCRAFT

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For more than 40 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

LSG-20 CABLE LOCATOR



Item no. 3532471

The product is intended to detect the path of low-voltage cables, such as those buried in the ground or routed inside walls. Additionally, it can be used to test and diagnose opens, shorts, and other problems occurring in cabling, as well as to detect if the tested cable is currently energized. The transmitter is capable of displaying the corresponding voltages, indicating a voltage of $\geq 8V$ for energized cables. Simultaneously, the receiver can display the signal strength, the transmitter code, the transmitter power level, and a low battery status.

PACKAGE CONTENTS

- 1x Receiver
- 1x pair: Dual in-line test leads UT-L36 (red+ black)
- 1x pair: Lantern-tip test probe UT-C09 (red + black)
- 2x Alligator clips
- 1x AC polarized plug wire
- 6x 1.5V AA alkaline battery
- 6x 1.5V AAA alkaline battery
- 1x Carrying case
- Operating instructions



TECHNICAL DATA

Transmitter

Battery	6 x 1.5 V AA (LR06)
Working frequency.....	33 kHz
Identification range of external voltage.....	8 - 480 V
Identification frequency of external voltage	DC/AC: 50-60 Hz
Measurement accuracy of external voltage.....	2.5% ± 3deg
Strength of external overvoltage.....	480 V DC/AC
overvoltage rating	CAT III 480 V
Pollution degree.....	2
Display	Segmented LCD (TN translucent)
Fuse.....	F0.6A 600 V
Drop resistant	1 m
Backlight	yes
CODE (Code value).....	0, 1, 2, 3, 4, 5, 6 and 7. Default code: 5
Level of signal strength.....	1, 2 and 3. Default level: 3
Single pole testing	Supported (Support testing in energized condition; Maximum 480V)
Dual pole testing.....	Supported (in energized condition; max. 480V)
Operating temperature	0 to +40 °C; Max. 80 % RH (Non-condensing)
Storage temperature.....	-20 to +60 °C; Max. 80 % RH (Non-condensing)
Operating altitude	≤ 2000 m
External dimensions	189 x 96 x 48 mm
Weight	389 g (w/o battery)

Receiver

Battery	6 x 1.5 V AAA (LR03)
Working frequency.....	33 kHz
Locating depth	Related to the medium and the method used
Tracking mode for single pole	Approx 0 - 2.5 m (Use separate loop wire for 2.5 m)
Tracking mode for dual poles	Approx 0 - 0.5 m
Grid voltage identification	Approx 0 - 0.4 m
NCV	Voltage identification range: 80 - 1000 V, 50Hz / 60Hz
Display	Segmented LCD (TN translucent)
Maximum operating current.....	Approx 30 mA (Excluding backlight and flashlight) Approx 65 mA (Excluding backlight) Maximum 95 mA (including backlight)
CODE (code value)	0, 1, 2, 3, 4, 5, 6 and 7
Levels of signal strength of transmitter.....	Level 1, Level 2, and Level 3
Reception sensitivity (Manual adjustment)	9 levels
Index range of signal strength	0 - 999
Analog bar range of signal strength.....	0 - 43
Receive multiple transmission signals.....	max. 8 transmitters at the same time
Operating temperature	0 to +40 °C; Max. 80 % RH (Non-condensing)
Storage temperature.....	-20 to +60 °C; Max. 80 % RH (Non-condensing)
Operating altitude	≤ 2000 m
External dimensions	226 x 68 x 38 mm
Weight	287 g (w/o battery)