

# CABLETOOL™

## MULTIFUNCTION CABLE METER

MEASURE CABLE LENGTH up to 2500 FEET

MEASURE VOLTAGE up to 250 VOLTS

- Identify and Find the Distance to an Open or Short in Seconds
- Measure Cable Length in a Box, on a Spool or in a Wall
- Transmit Tone Signals for Tracing Hidden Cable Runs
- Measure Voltage to Identify Live Circuits
- Extensive Built-in Library of Cable Types
- Compatible with All Common Cables
- Displays Length in Feet or Meters



### CABLETOOL Multifunction Cable Meter

The New CABLETOOL model 50 from Psiber Data Systems provides contractors, electricians, low voltage installers, or anyone involved in the installation or maintenance of metallic cables with the capability to quickly find faults in cables up to a distance of 2500 feet. Simply select the appropriate cable type from the pre-stored library, attach the test leads to two conductors of the cable and with a single press of a button the length of the cable or distance to an open or short is displayed.

Voltage on the wires is continuously measured and displayed to warn of a potentially unsafe condition. The CABLETOOL will also inject a tone onto the conductors for tracing cables installed in walls and ceilings with any standard tone probe.

The universal banana jack test lead connectors allow for a wide range of adapters for any connector type. The affordable CABLETOOL is an essential tool for anyone in the cabling industry.



## PINPOINT CABLE DAMAGE

Cables can be damaged during or after installation. Typically the damaged section is hidden from view behind walls, above ceilings or buried underground. The CABLETOOL uses TDR (Time Domain Reflectometry) technology to quickly identify an open or a short and provide the distance to the problem location. Additionally, the tone generator feature works with standard tone probes so that the exact cable path can be traced.

## MEASURE CABLE LENGTH ON A SPOOL OR INSTALLED

The CABLETOOL makes it easy for installers to know the amount of cable remaining on a spool or in a box before pulling a run. When multiple runs are being installed in the same area, the first run can be measured to accurately determine the total amount of cable required to complete the job. Checking cable inventory prior to starting a job eliminates unplanned trips to buy more cable.

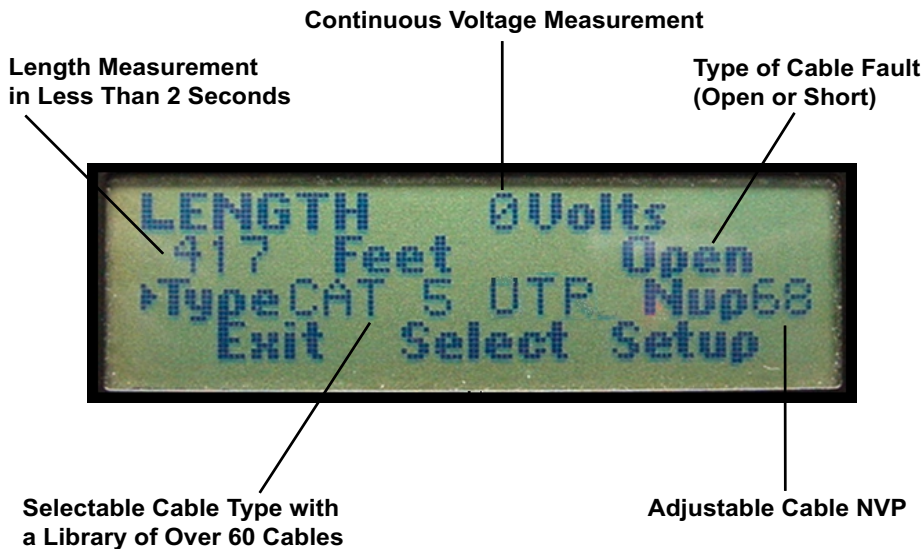
## EASY TO USE

The CABLETOOL is simple to operate. After turning the unit on, a cable can be measured or toned with a single push of a button. The full graphics display provides all the cable and measurement information together on one screen. The built-in library of over sixty cable types makes finding the correct cable information easy. The standard banana jack connectors means that different test leads and adapters are available from many vendors.

## AFFORDABLE

Telephone and CATV companies have used TDRs to find cable problems for over thirty years. Until recently, this type of tool cost thousands of dollars. Advances in technology have allowed the CABLETOOL to provide the capabilities of previous TDRs at a fraction of the price.

## Length Measurement Screen



All Measurement Information Shown on One Screen  
with the Press of a Single Button

## Specifications

### Physical

Dimensions: 7.0 in. x 3.2 in. x 1.4 in.  
17.8 cm x 8.1 cm x 3.6 cm  
Weight : 8.7 ounces  
(w/batteries) 247 grams

### Power

Four AA Alkaline Batteries

### Environment

Operating Temperature: 0° to 50°C  
Storage Temperature: -10° to 55°C

### Length

Accuracy: +/- 2% plus +/- 2 feet  
(with correct NVP)  
Resolution: 1 foot or 0.2 meters  
Maximum: 2500 feet or 750 meters  
Minimum: 0 feet or meters

### Voltage (True RMS Responding)

Range: 0-250V (AC or DC)  
Accuracy: +/- 3% plus 1V

### Tracing Tone

Frequencies: 575Hz, 977Hz, 1.0KHz, 7.82KHz  
Patterns: Four

### Display

Graphical - 122 x 32 pixels

Product design and specifications subject to change without notice.

## Ordering Information

### CABLETOOL Model 50 Multifunction Cable Meter

Includes: Red Test Lead with Alligator Clip  
Black Test Lead with Alligator Clip  
Carrying Case  
Four AA Alkaline Batteries

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