# T3 Innovation

# *Snap Shot* ™

## Fault Finding/Cable Length Measurement TDR

Accurately finds cable length, impediments in the cable and conditions at the end of every wire in your data, power, or communications/video system up to 3,000 ft.

With the complexity of today's electrical, data, voice and video signal carrying systems, you need a tool that is fast, accurate and easy to use to see down the wire and show the exact conditions that exist. Snap Shot™ is that tool. Made in America with American technology, Snap Shot™ is the new 21st century tool for testing every type of cable in any industry. Advanced Spread Spectrum TDR technology works in all wire environments and is immune to voltage, current, or data stream disruptions. See the true picture of your wiring and cable systems with Snap Shot™ today.

## Features

- **Works on energized cables**
- **Finds cable length or distance to fault from one end**
- **Measures cable distance on spool**
- **Accuracy of 1% or better**
- **Calibrates NVP values**
- **Internal memory for storing most used NVP values**
- **Large backlit LCD display**
- **Built-in tone generator for cable tracing & identification**
- **Loop test for continuous testing**
- **Displays length reading in feet or meters**
- **Auto-off to preserve battery life**

## Memory
Holds up to two different NVP values for multiple cable tests.

## Calibration
Ability to calibrate NVP for any cable

## Test
Tests length, opens or shorts present on the cable, up to 3,000 ft.

## Tone Generation
Produces four different tones for locating cables.

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## Kit Part Numbers & Accessories

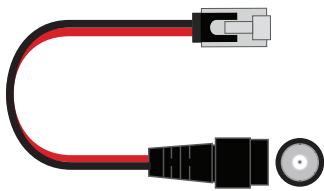| Product Number | Description |
| --- | --- |
| SS200 | Snap Shot™ Main Unit with CA001, CA002, CA003, AD001 and AD002 |
| CA001 | Cable Assembly, Insulated Push-on F to RJ45 Plug |
| CA002 | Cable Assembly, Insulated BNC to Alligator Clips |
| CA003 | Cable Assembly, Insulated Push-On F-Conn to Alligator Clips |
| AD001 | F-Connector Coupler, High Performance F81 |
| AD002 | Adapter, F-Jack to BNC Jack |
| CP100 | Hanging T3 Pouch |

## Specifications

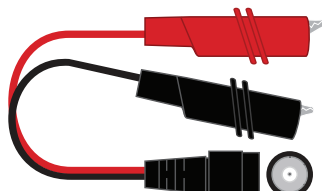| | |
| --- | --- |
| **Physical Dimensions** | Size: 17.3 x 8.0 x 3.3 cm (6.8 x 3.15 x 1.3 inches)<br>Weight: 340 grams (12.0 oz.) With battery |
| **Input Protection** | To 400 volts peak 50/60 Hz AC or DC |
| **Voltage Warning** | At maximum of Safety Extra Low Voltage limits (60V peak AC or DC)<br>• Measurement continues while warning is displayed |
| **Measurement Method** | Spread Spectrum Time Domain Reflectometry (SSTDR) |
| **NVP (VOP) Range** | 20.0 to 99.9% |
| **NVP Accuracy Range** | ±1% with known NVP and consistent cable parameters |
| **Maximum Length** | 3,000 ft on cables with low attenuation |
| **Common Cable Length Ranges** | • Coaxial Cable - 0 to 2,000 feet<br>• Data Cable - 0 to 1,500 feet<br>• Electrical Cable - 0 to 1,000 feet |
| **Tone Generation** | 4 selectable tone cadences centered on 1 kHz<br>• Constant output amplitude of 3 Vp-p |
| **Power** | 4 AA alkaline batteries<br>• Standby: 4 years<br>• Active: 15 hours average |
| **Battery Low Level** | Approximately 4 volts |
| **Operating Environment** | • Operating temperature: 0 to 50°C (32 to 122°F)<br>• Storage temperature: -20 to 60°C (-4 to 140°F)<br>• Humidity: 10% to 90%, non-condensing<br>• Altitude: 3,050 meters (10,000ft) maximum |
| **Compliance** | CE Complies with Conformité Européenne directives. |

## Description

The Snap Shot has the unique ability of calibrating any cable NVP value and using the unit's internal memory to store up to 2 of your most used cable NVP values. The large backlit LCD screen makes for easy viewing of results in all lighting conditions and the battery life is optimized with an auto power-off feature. On top of all of this the Snap Shot is designed and built in the USA.
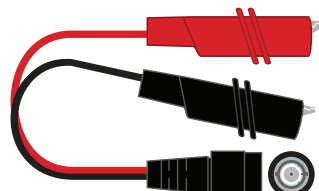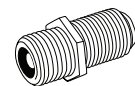
## Kit Includes

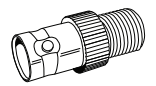**CA001** Cable Assembly, Insulated Push-On F to RJ45 Plug

**CA003** Cable Assembly, Insulated Push-On F-Conn to Alligator Clips

**CA002** Cable Assembly, Insulated BNC to Alligator Clips

**AD001** F-Connector Coupler, High Performance F81

**AD002** Adapter, F-Jack to BNC Jack

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Made in USA