



## 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. FaultChaser™ is that tool. Made in America with American technology, FaultChaser™ 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 FaultChaser™ today.

### Features:

- Accuracy of 1% or better
- Ability to measure length on live telephone lines
- Memory storage for most used cables
- 4 different tones

### Memory:

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

### Calibration:

Ability to calibrate NVP for any cable.

- Works on energized cables
- Large backlit LCD display
- Auto power-off

### Test:

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

### Tone Generation:

Produces four different tones for locating cables.



# Technical Specifications

**Physical Dimensions:** Size: 17.3 x 8.0 x 3.3 cm (6.8 x 3.15 x 1.3 inches) 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) • 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
- Data Cable - 0 to 1,500 feet
- Electrical Cable - 0 to 1,000 feet

**Tone Generation:** 4 selectable tone cadences centered on 1 kHz • Constant output amplitude of 3 Vp-p

**Power:** 4 AA alkaline batteries • Standby: 4 years • Active: 15 hours average

**Battery Low Level:** Approximately 4 volts

**Operating Environment:**

- Operating temperature: 0 to 50°C (32 to 122°F)
- Storage temperature: -20 to 60°C (-4 to 140°F)
- Humidity: 10% to 90%, non-condensing
- Altitude: 3,050 meters (10,000ft) maximum

**Compliance:**  Complies with Conformité Européenne directives.

## Kit Part Numbers & Accessories

### Product Number & Description

**SS-200:** FaultChaser™ Main Unit with CA-001, CA-002, CA-003, AD-001 and AD-002

**CA-001:** Cable Assembly, Insulated Push on F to RJ45 Plug

**CA-002:** Cable Assembly, Insulated BNC to Alligator Clips

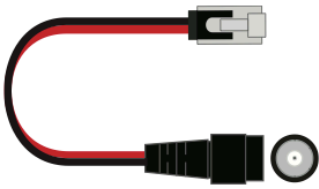
**CA-003:** Cable Assembly, Insulated Push-On F-Conn to Alligator Clips

**AD-001:** F-Connector Coupler, High Performance F81

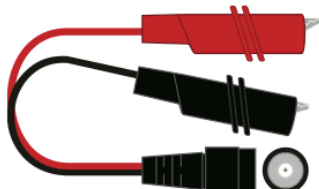
**AD-002:** Adapter, F-Jack to BNC Jack

**CP-100:** Hanging Pouch

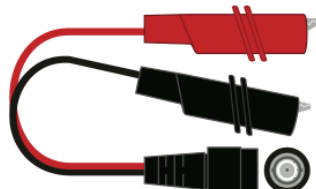
## Kit Includes



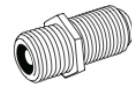
**CA-001** Cable Assembly, Insulated Push-On F to RJ45 Plug



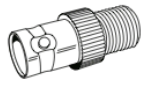
**CA-003** Cable Assembly, Insulated Push-On F-Conn to Alligator Clips



**CA-002** Cable Assembly, Insulated BNC to Alligator Clips



**AD-001**  
F-Connector Coupler,  
High Performance F81



**AD-002**  
Adapter, F-Jack  
to BNC Jack

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