LIVE WIRE INNOVATION™

FAULTCHASER™ HANDHELD

MADE IN THE USA

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 toolthat 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:
- Distance to fault accuracy of ±1% with known VOP and consistent cable parameters
- Ability to measure length on live telephone lines
- Memory storage for most used cables
- 4 different tones
- Works on energized cables
- Large backlit LCD display
- Auto power-off

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

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

Calibration:
Ability to calibrate NVP for any cable.

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 pead 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

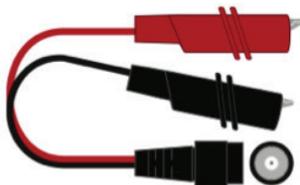**Compliance:** $C\!\epsilon$ Complies with Conformité Européenne directives.

Kit Part Numbers & Accessories

LWF-1001	**FaultChaser**
LW-AD001	**F-connector Coupler**
LW-AD002	**F-connector BNC**
LW-CA001	**Cable F to RJ45**
LW-CA002	**Cable BNC to Alligator**
LW-CA003	**Cable F to Alligator**
LW-CP100	**Hanging Pouch** (Not Included)

Kit Includes

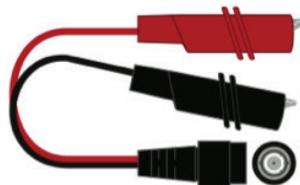**LW-CA001** Cable F to RJ45

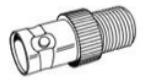**LW-CA003** Cable F to Alligator

LW-CA002 Cable BNC to Alligator

LW-AD001 F-connector Coupler

LW-AD002 F-connector to BNC