

Cable Prowler™

Full Color Cable Testing & Report Management

Cat 3/5e/6/6a, Coax, and Telephone Cable

The Cable Prowler™ combines the functions of a high-end cable tester and length measurement tester, with the capability to identify link status, link capability, and PoE detection. All of this is in full color and internal memory to save results.

- Displays length measurement for each pair in feet or meters using TDR technology
- Detects presence of PoE and class of PoE per IEEE 802.3af/at with load test for voltage drop
- Detects and reports current link speed and link capabilities for active Ethernet drops up to 1 Gbps
- Link light to identify location on a hub/switch/router port
- Tests ethernet cable configuration and verifies connectivity while conducting tests for opens, shorts, miswires, split pairs, and reverses
- Generates selectable tones on selected pins for use with tone tracers
- Supports up to 8 testing & ID remotes for network & telephone cables
- Supports up to 20 network & coax ID – only mapping remotes
- View saved cable tests
- Full color graphical wire-mapping
- Ability to define cable name, save cable tests and print ALL results (cable testing & network testing)
- Multilingual (English, French, Spanish)



Pass	Fail	Network - PoE Testing								
<p>T568B</p> <p>1 2 3 6 4 5 7 8 S</p> <p>PASS ID-3</p> <p>VoP 68.0%</p> <p>Pair 1-2 Length = 46.1 ft</p> <p>Pair 3-6 Length = 46.6 ft</p> <p>Pair 4-5 Length = 46.6 ft</p> <p>Pair 7-8 Length = 46.6 ft</p>	<p>T568B</p> <p>1 2 3 6 4 5 7 8 S</p> <p>FAIL ID-1</p> <p>VoP 68.0%</p> <p>Pair 1-2 Length = 5.5 ft</p> <p>Pair 3-6 Length = 5.7 ft</p> <p>Pair 4-5 Length = 5.8 ft</p> <p>Pair 7-8 Length = 5.5 ft</p>	<p>PoE</p> <table border="1"> <thead> <tr> <th>Link Capability</th> <th>Link Flow Control</th> </tr> </thead> <tbody> <tr> <td>10Base-T</td> <td>Full / Half Duplex</td> </tr> <tr> <td>100Base-TX</td> <td>Full / Half Duplex</td> </tr> <tr> <td>1000Base-T</td> <td>Full / Half Duplex</td> </tr> </tbody> </table> <p>Connected at PoE + A 25.5W Max</p> <p>100 Base-TX MDI FDX 57.9 V Min Load 56.1 V Max Load</p>	Link Capability	Link Flow Control	10Base-T	Full / Half Duplex	100Base-TX	Full / Half Duplex	1000Base-T	Full / Half Duplex
Link Capability	Link Flow Control									
10Base-T	Full / Half Duplex									
100Base-TX	Full / Half Duplex									
1000Base-T	Full / Half Duplex									

Cable Testing

The Cable Prowler™ provides full cable testing on any category network, coax, or telephone cable. It will display wire map, numbered ID remotes, and any faults, including shorts, opens, miswires, split pairs, and reverses. The full-featured Cable Prowler™ measures cable length (using TDR technology) and generates tone levels for signal tracing and cable identification on all pairs, a selected pair, or a selected pin. All of this is displayed in a full color graphical display for easy viewing in any environment. Cable Prowler™ also has the ability to name each cable and save all test results. Cable results can be exported to a computer via micro USB cable for record keeping and printing.

Physical Features

- High resolution full color graphical display
- Displays wire map in color per TIA-568A/B color codes, in pin or pair order (configurable)
- Protective silicone holster
- Micro USB connector (to export cable reports), RJ45 connector, and Coax connector

Network - PoE Testing

The Cable Prowler™ enables quick identification of a network drops link capability and current link status. Cable Prowler™ also detects the presence of PoE on the network drop and what class of PoE per IEEE 802.3 af/at with load test for voltage drop. These network tests can also be saved for record keeping and printing.

Applications

- Measure cable length and length to faults using TDR technology
- Network testing of link capability, link status, and link light
- Test PoE to ensure adequate power for powered devices such as VoIP phones
- Conduct single ended and remote cable tests with display of PASS, wire map, ID, and faults for network & coax cables
- Tone and trace cables
- Locate unlabeled network & coax cables with up to 20 remote identifiers
- Test multiple (up to 8) network & telephone drops with testing & identifier remotes
- Define a cable name for your cable test, save every cable test, export to your computer for record keeping and printing

Specifications

Measurement Technology	Time Domain Reflectometry (TDR)
Cable Measurements	Cable Testing and ID: up to 1000 ft (305 m) Split Pair Detection: 3 ft (1 m) to 1,000 ft (305 m) Length Measurement: 0 to 1,500 ft (457 m), ± (5%+1ft) Supports 8 continuity and ID number remotes (RJ-45) Supports 20 RJ-45 and 20 F-connector ID only remotes
Power over Ethernet	Tests for IEEE 802.3af and IEEE 802.3at (PoE Plus) compliant PoE Tests for classes and loads cable up to 25.5 watts (at class 4) Identifies Mode A or B (pairs with PoE)
Active Ethernet	Indicates advertised speeds of 10/100/1000base-t half or full duplex Can Link to network at 10/100base-t
Maximum Voltage	Parameters refer to the maximum voltage that can be applied to any 2 connector pins without causing damage to the tester. • RJ Jack: 66 Vdc or 55 Vac • F-connector: 50 Vdc or Vac
Save Test Results	Stores up to 250 Cable or network tests with user defined names
Tone Generation	Tone Frequencies: 730 Hz and 1440 Hz
Languages	English, French, Spanish
Battery Life	For 6 x AA, 9VDC, 2,200 mA-hr (typical) alkaline battery: Operating – 20 hours typical Standby – 1.5 years typical (200uA max standby current) Batteries are included
Altitude	10,000 ft (3048 m) operating
Temperature	Operating: 32 to 122°F (0 to 50°C) Storage: -22 to +140°F (-30 to 60°C)
Humidity	10 to 90% non-condensing
Enclosure	High-strength PC/ABS plastic with V0 rating with boot Withstands 4 foot drop on to concrete
Size	1.85"H x 3.6"W x 6.8"L (4.7 x 9.15 x 17.3 cm)
Weight	With batteries: 1 lb 2 oz (510 g)
Safety Compliances	CW
Warranty	1 Year

Ordering Information

<p>CB300</p>	<ul style="list-style-type: none"> • Cable Prowler Main Unit • Coax and Network Remote Set: #1-5, F-Conn coupler includes foam holder • Network/Tel Testing and ID Remote #1 • RJ12 Cable – Qty 2 • Micro USB Cable • Hanging T3 Pouch
<p>CB350</p>	<ul style="list-style-type: none"> • Cable Prowler main Unit • Coax and Network Remote Set: #1-5, F-Conn coupler includes foam holder • #1-8 Network/Tel Testing and ID Remotes • RJ12 Cable – Qty 2 • Micro USB Cable • Large T3 Pouch
<p>CB400</p>	<ul style="list-style-type: none"> • Cable Prowler Main Unit • #1-8 Network/Tel Testing and ID Remotes • #1-20 Coax Remotes • #1-20 Network Remotes • RJ12 Cable – Qty 2 • TrakAll – Tone and Probe • Micro USB Cable • Large T3 Pouch