

CableMaster 800

Cable Tester



PROFESSIONAL CABLING AND NETWORK TESTER FOR DATA, VOICE, AND VIDEO

CableMaster 800 is a professional cable tester equipped with an RJ45 jack for network cables and an F-type connector for coaxial cables. The CableMaster 800 verifies the wire map, determines the cable length and distance to the fault. The results can be saved and documented using the PC-based reporting software. In addition, the CableMaster 800 offers a multitude of network diagnostics features for trouble-shooting such as cable tracing, link detection up to 1Gb/s, Ping, network discovery, PoE tests and much more.

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The CableMaster 800 is perfectly suited for professional installers and network operators who are challenged with testing and troubleshooting network (RJ45) and coaxial cabling in active networks.

The CableMaster 800 professional cable tester is highly versatile – whether during installation, to verify which outlet is connected to the appropriate port in the patch panel, after installation, for quality testing and documentation of the cabling, or for in-service trouble-shooting of the network.

The test results are displayed on the full-colour graphic screen in a clear and easy to understand way. Test results can be saved in the device and be exported to the PC for evaluation or documentation with the free PC reporting software.

Features

- Tests network and coaxial cables (RJ45 jack and F-type connector)
- Displays wire map in graphical format for rapid trouble-shooting
- Determines cable length and distance to the cable fault performing a full TDR measurement
- Cable/port identification using the cable/port ID remotes
- PoE detection and load test
- Link test up to 1 Gb/s to identify link capability and current link status
- Pinging of individual or lists of IPv4 and IPv6 addresses as well as any URL on internet
- Network Discovery creates lists of attached devices
- CDP/LLDP/NDP and VLAN discovery
- High resolution colour display for excellent readability in any environment
- Generation of test reports and documentation with PC-based reporting software
- CDP/LLDP/NDP and VLAN identification will rapidly provide information on the network configuration.
- Moreover, PoE (Power over Ethernet) presence will be displayed and can be tested with a load test compliant with IEEE 802.3 af/at.

Cable Testing

CableMaster 800 features extensive test capabilities for RJ45 network, telephone and coaxial cabling. Consisting of a main unit and a test/ID remote, the CableMaster 800 is the perfect tool to test RJ45 cabling displaying the results in a wire map format on a full colour graphical display. It verifies continuity, tests for reversals, miswires, split pairs, shorts, and opens. The cable length and the distance to the open will be determined using the integrated TDR (Time Domain Reflectometer).

CableMaster 800 features an integrated tone generator to send a modulated audible signal into the cable which is detected by an optional tone probe used for cable tracing (unscreened unlabelled cables) and outlet/port identification. Numbered cable ID remotes allow the user easily to identify which outlet is connected to the appropriate patch panel port.

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Network Testing

CableMaster 800 enables rapid identification of network ports/outlets while displaying link capability and current link status. With the added network discovery features, any broadcasted devices in the network can be discovered and displayed and saved as a list. Pinging individual or lists of IPv4 and IPv6 addresses as well as a URL will detect their availability.

Save and Report

Cable test results can be saved in the main unit and be exported to the PC-based reporting software via the USB cable included to create professional test reports.

Included in the kit:



CableMaster 800

Professional cabling and network tester, incl. 1 network/tel testing and ID remote, 6xAA batteries, 2 RJ45 cables, micro USB cable, pouch



CableMaster 850

Professional cabling and network tester, incl. 1 CableTracker CT15 tone probe, 8 network/tel testing and ID remotes, 1 cable assembly RJ45 to alligator clips, 1-20 coax ID remotes, 6xAA batteries, 9 RJ45 cables, micro USB cable, pouch

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Specification

Measurement Technology	Time Domain Reflectometry (TDR) and capacity
Cable Measurements	Cable Testing and ID: up to 1,000 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), \pm (5%+1ft) Supports 8 continuity and ID numbers 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 +) 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 10/100/1000 base-T half or full duplex Can Link to network at 10/100 base-T
Network Discovery Test	Discovers and displays attached network devices Ping IPv4/URL/IPv6 DHCP/DNS Test LLDP/CDP identification TCP/UDP Connectivity test Port LED blink link in 0,1 Hz-steps
Reporting	PDF/CSV reports with PC- Software
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, German, Spanish, Italian
Battery Life	For 6xAA, 9VDC, 2,200 mA-hr (typical) alkaline battery: Operating - 20 hours typical Standby - 1.5 years typical (200 uA max standby current) Batteries are included
Temperature	Operating: 32 to 122°F (0 to 50°C) Storage: -22 to 140°F (-30 to 60°)
Humidity	10 to 90% non-condensing
Enclosure	High-strength PC/ABS plastic with VO rating with boot Withstands 4 foot (1,20m) drop on to concrete
Display Size	Full color graphical LCD with 7,1 cm diagonal 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	CE conforming

For more information please contact:

