

# CableMaster 600

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The CableMaster 600 is a professional cabling tester to test network, telephone and coax cabling. Equipped with a RJ45 jack for network cables and an F connector for coax cables, the CableMaster 600 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. The CableMaster 600 offers a multitude of functions for troubleshooting such as cable tracing, link detection up to 1Gb/s, PoE tests and port/outlet identification with ID remotes.

IT Networks

CABLING TESTER

# CableMaster 600

The CableMaster 600 is perfectly suited for professional installers and network operators who are challenged with testing network (RJ45) and coax cabling, verifying the correct wiring, determining cable lengths and documenting all this in test reports.

The CableMaster 600 professional cabling tester is highly versatile in usage - whether during installation, to verify which outlet is connected to the appropriate port in the patch panel, or 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-color graphic screen in a clear and easy to understand way, can be saved in the device and be exported to the PC for evaluation and documentation with the free eXport PC reporting software.

## Feature List

- Tests network and coaxial cables (RJ45 jack and F connector)
- Displays wire map in graphical format for rapid troubleshooting
- Determines cable length and distance to the cable fault performing a full TDR measurement
- High resolution color display for excellent readability in any environment
- Generation of test reports and documentation with PC-based reporting software
- Extensive test and fault finding capabilities such as:
  - Cable tracing / port identification using a tone probe
  - PoE detection and testing
  - Link test up to 1 Gb/s
  - Outlet/port identification with ID remotes

## Cabling Tests

The CableMaster 600 features extensive test capabilities for RJ45 network, telephone and coaxial cable testing. Consisting of a main unit and a network/tel testing and ID remote, the CableMaster 600 is the ideal tool to test RJ45 cabling displaying the results in a wire map format. 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).

The CableMaster 600 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 (unlabeled cables) and outlet/port identification. Cable ID remotes enable the user to identify which outlet is connected to the appropriate port in patch panel.

# CABLING TESTER

## Network Testing

The CableMaster 600 enables a rapid identification of network ports/outlets while displaying the link capability and the current link status. In addition, PoE (Power over Ethernet) presence is detected and displayed and can be tested with a load test compliant with IEEE 802.3 af/at.

## Save and Report

Cable test results can be saved in the main unit and be exported to the PC-based eXport reporting software via the included USB cable. eXport is the central reporting software to create professional test reports that also supports other Softing IT Networks measurement and test instruments.

### Included in the kit

#### CableMaster 600

Professional cable tester includes:  
1 network/tel testing and ID remote  
6xAA batteries  
2 RJ45 cables  
micro USB cable  
pouch



#### CableMaster 650

Professional cable tester includes:  
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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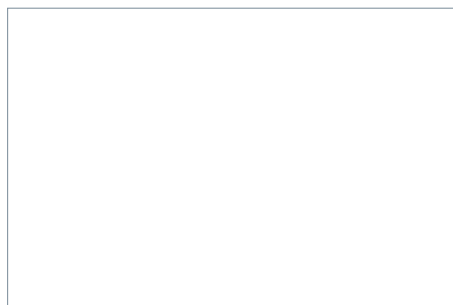
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Parameter	Spezifikation
<b>Measurement Technology</b>	Time Domain Reflectometry (TDR)
<b>Cable Measurements</b>	Cable Testing and ID: up to 1,000 ft (305 m) Split Pair Detection: 3 ft (1 m) to 1,000 ft (305 m) Length Measurement: 0 to 1,500 ft (457 m), ± (5%+1 ft) Supports 8 continuity and ID numbers remotes (RJ 45) Supports 20 RJ 45 and 20 F connector ID only remotes
<b>Power over Ethernet</b>	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)
<b>Active Ethernet</b>	Indicates advertised speeds of 10/100/1000 base-t half or full duplex Can Link to network at 10/100 base-t
<b>Maximum Voltage</b>	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
<b>Save Test Results</b>	Stores up to 250 cable or network tests with user defined names
<b>Tone Generation</b>	Tone Frequencies: 730 Hz and 1440 Hz
<b>Languages</b>	English, French, German, Spanish
<b>Battery Life</b>	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
<b>Altitude</b>	10.000 ft (3048 m) operating
<b>Temperature</b>	Operating: 32 to 122°F (0 to 50°C) Storage: -22 to 140°F (-30 to 60°C)
<b>Humidity</b>	10 to 90% non-condensing
<b>Enclosure</b>	High-strength PC/ABS plastic with VO rating with boot Withstands 4 foot drop on to concrete
<b>Size</b>	1.85"H x 3.6"W x 6.8"L (4.7 x 9.15 x 17.3 cm)
<b>Weight</b>	With batteries: 1 lb 2 oz (510 g)
<b>Safety Compliances</b>	CE