TESTER  CABLEMASTER 600 / 650

PROFESSIONAL CABLE TESTER FOR DATA, VOICE AND VIDEO
The CableMaster 600 is a cable tester for network, telephone, coax cabling as well as determining the cable length and distance to the fault. Equipped with a RJ45 jack for network cables and a F-connector for coax cables. CableMaster 600 verifies the wire map, determines the cable length and distance to fault. The results can be saved and documented using the PC-based reporting software. CableMaster 600 offers many functions for troubleshooting such as cable tracing, link detection up to 1Gb/s, PoE tests and port/outlet identification with ID remotes. CableMaster 600 is perfectly suited for professional installers and network operators who are challenged with testing both network (RJ45) and coax cabling, verifying the correct wiring, determining cable lengths and documenting all this in test reports.

FEATURES
- 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 colour 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 one probe, PoE detection and testing, Link test up to 1 Gb/s, outlet/port identification with ID remotes

The CableMaster 600 features an integrated tone generator to send a modulated audible signal into the cable. The tone can be detected by an optional one probe used for cable tracing (unscreened unlabeled cables) and outlet/port identification. Cable ID remotes enable the user to identify which outlet is connected to the appropriate port in a patch panel.
## TESTER  CABLEMASTER 600 / 650

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<th>PARAMETERS</th>
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<td>Measurement Technology</td>
<td>Time Domain Reflectometry (TDR)</td>
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| 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), ± (5%+1 ft)  
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 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 10/100/1000 base-t half or full duplex  
Can Link to network at 10/100 base-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, German, Spanish |
| 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 |
| 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 VO rating with boot  
Withstands 4 foot drop onto 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          | CE |

### 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

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