

# CableMaster 500

**DIREKTRONIK**



## CABLE TESTER

IT Networks



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# CableMaster 500

The **CableMaster500** combines continuity testing, mapping, generating tones and length measurement functions into a single easy-to-use unit for installation, troubleshooting, and maintenance for telco, network, or coax cable. The backlit display, glow-in-the-dark keypad and a built-in flashlight helps you to work in the dark.

Whether your jobs are commercial or residential, the versatility and added features of the CableMaster500 makes it a best value cable verifier for the professional installer!

## Key Features

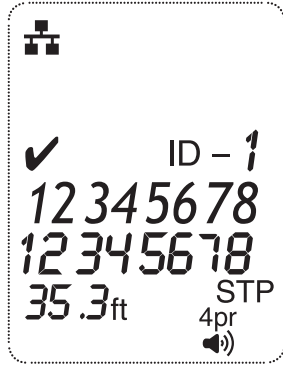
- Detects Open, Shorts, Miswires, Reverses & Split Pairs
- Tests to T568A/B wiremap configuration: shorts, opens, miswires, reverses and split pairs
- Single-ended Testing for Shorts & Split Pairs
- Measures Length in Feet/Meters
- Identifies cable location on active ports using flashing Port Link Light
- Easy to read, backlit LCD screen with large icons, glow-in-the-dark keypad and built-in LED flashlight for use in dark areas
- Verifies continuity for multiple cable types (LAN, Phone and Video)
- Audible beep for additional feedback
- Identify up to 20 network or coax cable runs at a time
- Measures cable length, distance to opens and breaks specific wires, pairs or all wires simultaneously
- Master remote stored in main unit
- Voltage detection warning icon
- Continuous loop test mode for trouble shooting
- Auto-off and timed backlight in any mode for low power consumption and long battery life
- Audible Tone Generator, 4 selectable cadences



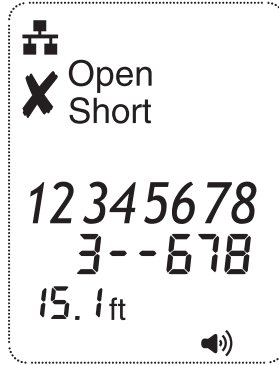
Easy to read, backlit LCD screen with large icons, glow-in-the-dark keypad and built-in LED flashlight for use in dark areas



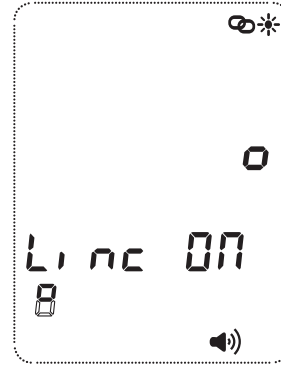
# Sample Screen Shots



Pass



Open and Short



Port Link Light

# Cable Tester Specifications

<b>Display</b>	Large 2.75" Backlit Monochrome LCD
<b>Dimensions</b>	6.8" x 3.2" x 1.4" (17.3 x 8.1 x 3.5 cm)
<b>Weight</b>	10.8 oz. (305 grams) with battery and remote
<b>Operating Temperature</b>	0°C/32°F to 50°C/122°F
<b>Storage Temperature</b>	-20°/-4°F to 60°C/140°F
<b>Humidity</b>	10% to 90%, non-condensing
<b>Maximum Voltage between any two connector pins without damage</b>	RJ12/RJ45/F: 50V DC or AC
<b>Battery Life</b>	9V alkaline battery typical Standby: 4 years Active: 425 hours
<b>Cable Types:</b>	Shielded or Unshielded; CAT7, CAT6A, CAT5e, CAT5, CAT4, CAT3, Coax
<b>Maximum RJ Cable Length Testing</b>	0 to 1,000 feet (305 meters)
<b>Minimum Cable Length for Split Pair Detection</b>	1.5 feet (0.5 meters)
<b>Maximum Coax Cable Length</b>	Varies depending on cable resistance varies
<b>Low Battery</b>	Icon flashes when battery voltage falls below 6V
<b>Measurement Technology</b>	Capacitance testing
<b>Length Accuracy Without Length Constant</b>	± 3% plus + 1 foot
<b>Default Length Constant (Restored with power on reset)</b>	Voice (Twisted pair): 17.4 pF/ft Video (Coax): 16.5 pF/ft Data (Twisted pair): 15 pF/ft
<b>Warranty</b>	Limited 1 yr

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