

## CT100 Network Cable Tester

### Introduction

Congratulations on your purchase of the Extech CT100 Network Cable Tester System. The system consists of a Transmitter and a Receiver. This system automatically performs the following tests: Continuity, Open/Short Circuits, and Wire Crosses (Reversals).

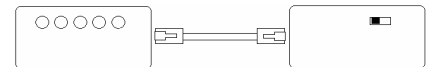
The CT100 tests "F" type coaxial and RJ45 terminated cables meeting the following wiring standards:

- 10Base-T
- EIA/TIA 568B
- AT&T258A
- Token Ring

### Operation

**WARNING:** Do NOT test on LIVE CIRCUITS

1. Power the transmitter by moving the ON/OFF switch to the ON position. The power LED will light.
2. To test a patch cable, connect one end of the cable under test to the Transmitter and the other end to the Receiver. Testing begins automatically and is indicated by the stepping action of the LEDs on the Receiver. (Note: To test cabling that is part of an installation, the Transmitter and Receiver must be connected in line with the installation. Patch-cords needed to connect from wall-plates to the Transmitter and Receiver must be provided by the user.)
3. Test result examples are listed below:



<p><b>EIA/TIA 568A</b></p> <p>4 Pair Test Pass = Green x 4 Fail = Red or No Light</p>	<p><b>10Base-T</b></p> <p>2 Pair Test (1-2 and 3-6) Pass = Green x 2 Fail = Red or No Light</p>
<p><b>EIA/TIA 568B (AT&amp;T 258A)</b></p> <p>4 Pair Test Pass = Green x 4 Fail = Red or No Light</p>	<p><b>Token Ring</b></p> <p>2 Pair Test (3-6 and 4-5) Pass = Green x 2 Fail = Red or No Light</p>
<p><b>Screened (Shielded) Cable</b></p> <p>4 Pair + Shield Test Pass = Green x 5 Fail = Red or No Light</p>	<p><b>Coax</b></p> <p>Pass = Green x 1 Fail = Red or No Light</p>

### Battery Replacement (Transmitter only)

1. Turn power OFF on the Transmitter, disconnect any cables, and remove the Transmitter's rear screw to access the battery compartment. (The Receiver does not contain batteries).
2. Replace the two 'AAA' 1.5V batteries and re-assemble the Transmitter.



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