



You just strung and crimped plugs on a dozen twisted-pair network cables to several rooms. Are they all correctly wired? Which cable goes to which room? If something doesn't work, where is the problem? The Mapper8 can help!

The Mapper8 provides complete connectivity testing of 8-wire modular cables as well as other cables. The Mapper8 can very quickly check for wiring problems such as opens, shorts, reversed pairs, etc. Connectivity is compared against a predefined or a user-defined connectivity map. The Mapper8 displays both a quick pass/fail indication as well as details on how the cable is wired or mis-wired.

Unlike simple "pair" cable testers, the Mapper8 performs a complete connectivity test that can identify mis-wires and shorts and gives a direct indication of pass or fail. Further, the Mapper8 displays the complete connectivity mapping between the near and far ends of the cable.

The Mapper8 consists of two separate units; a master unit and a remote unit. This separate unit design allows easy testing of cables that may have already been installed between rooms. A group of installed cables can be rapidly tested and identified by using multiple remote units each with a different remote ID.

- Directly tests cables terminated with 8-contact modular plugs (commonly referred to as RJ45 plugs)
- Other cables with up to 8 conductors can be tested using short adapting cables
- Predefined connectivity maps for common modular cables
 - 8 conductor wired "straight through" (pin 1 to pin 1, pin 2 to pin 2, etc.)
 - 8 conductor wired "reverse" (pin 1 to pin 8, pin 2 to pin 7, etc.)
 - 8 conductor wired for "cross-over" Ethernet applications
- Four user definable connectivity maps for custom cables
 - User-defined maps are quickly "learned" by testing a known good cable
 - User-defined maps are stored in non-volatile memory for future use
- Rapid and simple pass/fail indication (either a green FAIL LED or a red PASS LED lights)
- Complete readout of the cable's connectivity
- Up to 8 remotes each with unique IDs can be used to rapidly identify and test groups of cables
- Remote units can all so be placed in a tone generation mode for use with cable tracers
 - Can generate a tone on individual wire pairs or on all pairs simultaneously
 - See our Tracer product
- Each unit is compact, measuring approximately 3.25" by 2" by 1.5"
- Each unit is powered by two AA cells

A and T Labs
 P.O. Box 4884
 Wheaton, IL 60189
 Tel: 630-668-7870
 Fax: 630-668-7870
 Web: www.a-and-t-labs.com
 Email: info@a-and-t-labs.com