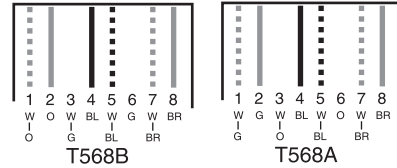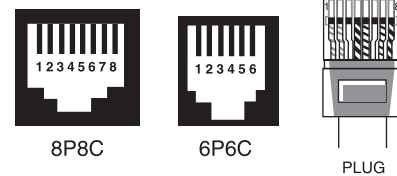# Multi-Functional Network Cable Tester

Functions:

1. Tests BNC, F, RJ11, RJ12 and RJ45 cables.
2. Tests double-twisted cables (1,2,3,4,5,6,7,8 and G) and identifies wrong connection, short circuit and open circuit.

BNC/F Testing Procedures:

1. For BNC cable testing, connect the BNC cable to the female (F) connector on the main tester, then connect the other end to the BNC terminator. The BNC terminator and the main tester's B/F light will illuminate green, indicating proper function.
2. For F cable testing, connect the BNC (M-F) adapters to the BNC female (F) connector on the main tester and the BNC terminator. Then connect the F cable to the tester and terminator. The BNC terminator and the main tester's B/F light will illuminate green, indicating proper function.

1	2	3	4	5	6	7	8
W I O	O	W I G	BL	W I BL	G	W I BR	BR

T568B

1	2	3	4	5	6	7	8
W I G	G	W I O	BL	W I BL	O	W I BR	BR

T568A

1 2 3 4 5 6 7 8 — 8P8C

1 2 3 4 5 6 — 6P6C

PLUG

Double-Twisted Cable Testing Procedures:

1. Switch on the power. ("S" is slow automatic grade.)
2. Insert cables into main tester and remote tester. The main tester lights will illuminate sequentially from 1 to G.
   Main Tester: 1-2-3-4-5-6-7-8-G
   Remote Tester: 1-2-3-4-5-6-7-8-G RJ45
                      1-2-3-4-5-6 .... RJ12
                      1-2-3-4 .... RJ11

Cable Issues Identified:

1. If any LED does not illuminate on both main and remote tester, then the corresponding lead has an open circuit.
2. If two ends of a cable are out of order (for example, Pins No. 2 and No. 4), the tester will display the following:
   Main Tester: 1-2-3-4-5-6-7-8-G
   Remote Tester: 1-4-3-2-5-6-7-8-G
3. If the cable has a short circuit, the main tester lights will remain sequentially on and the remote tester lights will remain off.

WARNING:

▶ Do not use the network cable tester to test any electrified products.
▶ For best test results, change the tester's 9V battery (not included) when weak lights appear.
▶ Do not test RJ45 cables that are not completely terminated. Improper use can cause permanent damage to the tester.
▶ Do not use 8P8C jacks to test RJ11 and RJ12 cables. Improper use can cause permanent damage to the tester.

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