

OPERATION: (for UTP Cable Tester)

(一).Test for RJ45 (568A) cable

1. Open the cover of back, and put into battery.
(Green light showed on power LED of master)
2. Open the set which has been installed battery already, and waiting for the tests.
(Green light showed on power LED of master)
3. Connect cable's one end to the master's connector and another end to the remote.
(568A Master to 568A Remote)
4. As soon as the LEDs indicator will display the tested result on the Remote.

- (1) The cable is connected properly :
Remote showed- Green LEDs are scanning by orders.
- (2) If open :
Remote showed- the LED off and green LEDs are scanning by orders.
- (3) If short :
Remote showed- Green LEDs are scanning abnormally to indicate wrong pair.
- (4) If miswiring :
Remote showed - Red light flash to indicate wrong pair.

(二).Test for RJ45(568B) cable

1. Open the set which has been installed battery already, and waiting for the tests.
(Green light showed on power LED of master)
2. Connect cable's one end to the master's connector and another end to the remote.
(568B Master to 568B Remote)
3. As soon as the LEDs indicator will display the tested result on the Remote.

- (1) The cable is connected properly :
Remote showed - Green LEDs are scanning by order.
- (2) If open :
Remote showed- the LED off and green LEDs are scanning by orders.
- (3) If short :
Remote showed- Green LEDs are scanning abnormally to indicate wrong pair, others are scanning by orders.
- (4) If miswiring :
Remote showed - Red light flash to indicate wrong pair.

(三).Tester RJ45(USOC) cable

1. Open the set which has been installed battery already, and waiting for the tests.
(Green light showed on power LED of master)
2. Connect cable's one end to the master's connector and another end to the remote.
(USOC Master to USOC Remote)
3. As soon as the LEDs indicator will display the tested result on the Remote.

- (1) The cable is connected properly :
Remote showed- Green LEDs are scanning by orders.
- (2) If open :
Remote showed - the LED off and green LEDs are scanning by orders.
- (3) If short :
Remote showed - Green LEDs are scanning abnormally to indicate wrong pair, others are scanning by orders.
- (4) If miswiring :
Remote showed- Green LEDs (LEDs 1,2) are scanning abnormally, LEDs 3,4 are scanning by orders.

Test Result (568A)

1. Continuity: 1 2 3 4
Green LEDs are scanning by orders.
● ● ● ●
2. Open: 1 2 3 4
LED 3 light off, others are scanning.
(EX: Pin 1 / Open)
● ● ○ ●
3. Short: 1 2 3 4
Green LEDs are scanning abnormally.
(EX: Pin 6,8 / Short)
● ✱ ● ✱
4. Miswire: 1 2 3 4
LED 4 Red light flash and others Green scanning.
(EX: Pin 7,8 / Miswire)
○ ● ○ ●
○ ○ ○ ●

Test Result (568B)

1. Continuity: 1 2 3 4
Green LED keeps scanning by orders.
● ● ● ●
2. Open: 1 2 3 4
The LED 2 light off but others are scanning.
(EX: Pin 1 / Open)
● ○ ● ●
3. Short: 1 2 3 4
Green LEDs are scanning abnormally.
(EX: Pin 6,8 / Short)
● ● ✱ ✱
4. Miswire : 1 2 3 4
Red light flash to indicate wrong pair.
(EX: Pin 7,8 / Miswire)
○ ● ○ ●
○ ○ ○ ●

Test Result (USOC)

1. Continuity: 1 2 3 4
Green LED keeps scanning by orders.
● ● ● ●
2. Open: 1 2 3 4
The LED off but others are scanning by orders.
(EX: Pin 1 / Open)
● ● ● ○
3. Short: 1 2 3 4
The LED off but others are scanning by orders.
(EX: Pin 7,8 / Short)
● ● ✱ ✱
4. Miswire : 1 2 3 4
Green LEDs are scanning abnormally.
(EX: Pin 3,5 / Miswire)
✱ ✱ ● ●

UTP Cable Tester



UTP Cable Tester

If Remote and Master tight together then LED indicates "Green light off", it means power on.
If the tester opened, then LED indicates "Green light on", it means power on.

INTRODUCTION:

The Lan Cable Tester consists of unshield as RJ45:568A, 568B & USOC. It is also convenient to operation, the user begins testing by connecting. The multiple LEDs showed indication. This Lan Cable Tester is very practical that could be easily read and correct pin configuration of cable continuity, open, short, miswiring, & no connection.

FEATURES:

- *Power : 9 VDC Standard Battery (Optional).
- *Size : 132.7 x 60 x 38.5mm (5.22" x 2.36" x 1.51")
- *Weight : 141g (0.31 lbs) without battery
- *Open/short wiring test
- * Connected wires display
- * Easy to read cable status and verify cable continuity, open short and miswire.
- * Auto - on/off switch
- * With remote kit it can remotely test cable far away either on wall plate or patch panel.

LED	1	2	3	4
568A	4 & 5	3 & 6	1 & 2	7 & 8
568B	4 & 5	1 & 2	3 & 6	7 & 8
USOC	4 & 5	3 & 6	2 & 7	1 & 8

Comparison between pair of wire with LED NO.

ans power of