

OPERATION:

(A).Test for RJ45(or RJ11) cable

- Slide the master unit power switch on.
- Connect cable's one end to the master's connector,and other end to the remote.
- Then press the" TEST" button , as soon as the LED indicator will display the tested result.
 - The cable is connected properly, the LEDs light for each pin and buzz once "BI --" , then stop.
Function LED : Battery, Isolation,Connected,will be light.
 - If open, the LEDs will not be light and buzz warning "BI- - -"
Function LED : Battery, Isolation,Connected, will be light.
 - If short, the LEDs will be light and buzz warning "BI-BI-"
Function LED : Battery,Short, will be light.
 - If miswiring, the LEDs will be light and buzz warning"BI-BI-"
Function LED : Battery,Connected,Miswiring, will be light.
 - The cable's "Isolation" under 50K Ohm the isolation LED will be light & flashing
 - The cable's "Resistance" up to 35 Ohm the LED indicator will be display open.

Test Result(RJ45)

- Continuity: 1 2 3 4 5 6 7 8 G Pin 1 to G are continued (LED on)
● ● ● ● ● ● ● ●
 - Open: 1 2 3 4 5 6 7 8 G Pin 2 and 6 are opened (LED off)
● ○ ● ● ● ● ● ●
 - Short: 1 2 3 4 5 6 7 8 G Pin 2 and 4 are shorted (LED on)
○ ● ● ● ● ● ○ ○
 - Miswire: 1 2 3 4 5 6 7 8 G Pin 4 and 6 are miswired (LED on)
○ ○ ● ○ ● ○ ○ ○
- TEST
- | | | | |
|---|---------------|---|---------------|
| ● | CONNECTED | ● | SHORT |
| ● | 50K ISOLATION | ● | MISWIRING |
| ● | BATTERY | ● | NO CONNECTION |
- OFF ON
- POWER

Note:

Please don't operate the tester in live circuit because it may damaged the tester.

Lan Cable Tester



Part No. 3PK-NT015N

Before using, please first make the self-test by the attached cable and adapter.

OPERATION:

(B).Test for BNC Cable

- Slide the master unit power switch on.
- Connect cable's one end to the master's connector,and other end to the remote.The remote unit inside installed a 75 Ohm risistor.
- Then press the" TEST" button , as soon as the LED indicator will display the tested result.
 - The cable is connected properly, the LEDs light for pin 1 & pin 2 and buzz once "BI --" , then stop.
Function LED : Battery,Connected, will be light.
 - If open, the LEDs will not be light and buzz warning "BI-BI-"
Function LED : Battery,Isolation, No connected will be light.
 - If short, the LEDs will be light and buzz warning "BI-BI-"
Function LED : Battery,Short, will be light.
 - The cable's "Isolation" under 50K Ohm the isolation LED will be light & flashing. But the remote unit no connected.
 - Testing Ethernet 10BASE2 terminnator value range from 45 Ohm to 85 Ohm
- Battery LED light shows the battery is good, if flashing show the battery is low.

Test Result(BNC)

- Continuity: 1 2 3 4 5 6 7 8 G Pin 1 and pin 2 are continued (LED on)
● ● ○ ○ ○ ○ ○ ○
 - Open: 1 2 3 4 5 6 7 8 G Pin 1 or Pin 2 is opened (LED off)
○ ○ ○ ○ ○ ○ ○ ○
 - Short: 1 2 3 4 5 6 7 8 G Pin 1 and 2 are shorted (LED on)
● ● ○ ○ ○ ○ ○ ○
 - Miswire: 1 2 3 4 5 6 7 8 G Pin 1 and 2 are miswired (LED on)
● ● ○ ○ ○ ○ ○ ○
- TEST
- | | | | |
|---|---------------|---|---------------|
| ● | CONNECTED | ● | SHORT |
| ● | 50K ISOLATION | ● | MISWIRING |
| ● | BATTERY | ● | NO CONNECTION |
- OFF ON
- POWER

Note:

Please don't operate the tester in live circuit because it may damaged the tester.

INTRODUCTION:

The Portable Lan Cable Tester is consists of shield RJ-45 and is equipped with BNC . The tester also offers easy operation, the user begins testing by simply pushing a button. The multiple LEDs give a clear indication. This Lan Cable Tester is a newly designed and very practical tester that can be easily read the correct pin configuration of cable continuity, open, short, miswiring, no connection & isolation.

FEATURES:

- * Open/short wiring test
- * Connected wires display
- * No wire or termination indication
- * Wrong connection / Non-parallel connection
- * Ethernet 10 Base2 termination value detection
- * Battery low indication
- * Buzzer inside.
- * BNC for testing 10 BASE2 Terminator value.
- * Isolation Resistances 50 K ohms test