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AMPCOM MODULAR CABLE TESTER

(WAMCRD/WAMCBK)

USER MANUAL

■Warning and Precautions

- DO NOT use on live circuits. These voltage levels pose a potential shock hazard to the user.
- To avoid electrical shock hazard, observe the proper safety precautions when working with voltages above 60 VDC or 30 VAC rms.
- Never ground yourself when taking measurements.
- When the battery is low, the power indicator is still on but the LED is no longer illuminated, replace the battery. (Note: The voltage of the input device cannot be greater than 9VDC).
- If all contact pins of the RJ45 or RJ11 plug are not fully crimped, plugging it into the tester will result in damage to the interface of the tester.
- If the tester is not going to be used for an extended period, please remove the battery to prevent battery oxidation and leakage, which could damage the device.
- This equipment not for connection to public communications networks, such as active telephone systems.

■Tester Functions

The tester is designed to test the **CONTINUITY** of **RJ45**, **RJ12**, and **RJ11** connectorized cables by checking for **OPENS**, **SHORTS**, and **MIS-WIRED** pin connections.

ON/ OFF/ SLOW Option Switch: The device has a three-position switch, which allows you to turn it off, set it to slow scan, or set it to fast scan simply by toggling the switch.

■How To Use

A)Test RJ45 cable:

1. Install the 9Vbattery, then close the battery cover.
2. Turn on the switch, and you can choose between two modes: fast(ON) and slow(S).

3. After selecting the mode, insert the testing cable connector RJ45 into the "Main" and "Remote" end.

B)The RJ45 cable is in good condition

The indicators from 1 to 8 (to G , if the cable is STP) on the right side of the "Main" flash one by one orderly. The indicators of the "Remote" will also flash in sequence . Shown as follows :

UTP

Main: 1 ->2->3->4->5->6->7->8 cycling Remote: 1 ->2->3->4->5->6->7->8 cycling

STP

Main: 1 ->2->3->4->5->6->7->8->G cycling Remote: 1 ->2->3->4->5->6->7->8->G cycling

C)If the RJ45 cable is NG

- a. If there is an open circuit to be detected , the corresponding indicator of the "Main" and "Remote" does not light.
- b. If there is less than 2 circuits of good conduction and connection , all indicators of the "Main" and "Remote" will not illuminate
- c. When the cable disorders , the display of the "Main" is in order, but the "Remote" is not in order to display . For an example such as (3, 4 line disorder)

UTP

"Main": 1->2->3->4->5->6->7->8 cycling "Remote": 1 ->2->4->3->5->6->7->8 cycling

STP

"Main": 1->2->3->4->5->6->7->8->G cycling "Remote": 1 ->2->4->3->5->6->7->8->G cycling

If there are two or more short circuits to be detected, the display of the "Main" is in order and the light of corresponding indicator will become more brighter, but the corresponding indicator of the "Remote" doesn't light.

D)Test RJ11/RJ12 cable:

1. Install the 9Vbattery, then close the battery cover.
2. Turn on the switch, and you can choose between two modes: fast(ON) and slow(S).
3. After selecting the mode, insert the testing cable connector RJ11/RJ12 into the "Main" and "Remote" end. (**Note:** The RJ11 port works with both RJ11 and RJ12 connectorized cables.)

F)The RJ11/RJ12 cable is in good condition

RJ12

Main: 1 ->2->3->4->5->6 cycling Remote: 1 ->2->3->4->5->6 cycling

RJ11

Main: 2->3->4->5 cycling Remote: 2->3->4->5 / 5->4->3->2 cycling

G)If the RJ11/RJ12 cable is NG

If the case of short circuit, open circuit, out of order, wrong order is detected , please refer to the method of disposition on RJ45 faults.

Product Specification

- Working temperature: 0~40°C
- Storage temperature: -10~50°C
- Working humidity: 20-80% RH
- Storage humidity: 10-90% RH
- Altitude: less than 2000 meters
- Dimensions: "Main": 102 mm x 63 mm x 25mm "Remote": 102 mm x 35 mm x 25mm

Packing List

1. "Main" ----- 1 PC
2. "Remote" ----- 1 PC
3. "Manual" ----- 1 PC

Replace Battery

At the Power Off state :

1. Remove the battery cover and the old battery.
2. Install the new 9VDC battery with correct polarity.
3. Close the battery cover.

Maintenance And Clean

Clean the instrument with a dry soft cloth to avoid moisture. Do not use the agents or other chemicals to clean the unit. This product has passed the strict quality inspection before leaving the factory.

If found damages not caused by misuse or vandalism in the course of using , Please contact after-sale service, Do not disassemble to repair it privately.

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