

LAN CABLE TESTER

User's Guide

CZ20350



for cable tester



Congratulations on the purchase of your new LAN cable tester. This tester consists of a main unit and a remote unit. The tester will automatically test for: **Continuity, Opens, Shorts, Crosses, and Splits**. Auto scanning enables fast cable testing.

FEATURES:

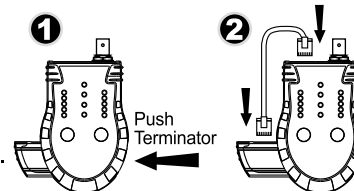
- It's a multi-functions cable tester for RJ45 LAN cable and BNC coaxial cable.
- Small and easy to carry.
- Quick - test results in one second - "PASS" or "FAIL".
- Selectively applied to individual pairs fault check.
- Faults displayed by LED indicators.
- Easy to read cable status verifying: **Continuity, Opens, Shorts, Reverses and Splits**.
- **TONE** mode is for cable tracing and troubleshooting.
- Auto-off power shut down to conserve battery life.
- Low battery indication and test.
- Belt clip and patch cables provided.
- 9V battery included.

OPERATION:

- Connect the main tester to the remote-terminator using a patch cord.
- Connect the remote unit to the wall jack using a patch cord.
- If testing cables, attach units directly to the cable ends.

1. Push terminator out.
2. Connect LAN cable one end to RJ45 modular jack, one end to terminator.
3. Press "ON/TEST" to turn on.
4. Check status "PASS" or "FAIL".

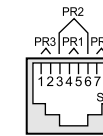
Test is complete.



- To press "ON TEST" for quickly test or press "FAULT CHECK TONE" for individual test are listed below:

Indicator light reference ● ON ○ OFF ☀ FLASHING.

EIA/TIA-568A



4 PAIR TEST

PASS = YELLOW x 4 ● (ON)

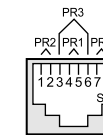
FAIL = RED ● (ON)

Yellow ○ (OFF) or

☀ (FLASHING)

● 1 & 2	○ OPEN
● 3 & 6	○ SHORT
● 4 & 5 (COAX)	○ CROSS
● 7 & 8	○ SPLIT
○ SHIELD	○ BATTERY

EIA/TIA-568B (AT&T-258A)



4 PAIR TEST

PASS = YELLOW x 4 ● (ON)

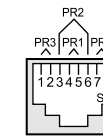
FAIL = RED ● (ON)

Yellow ○ (OFF) or

☀ (FLASHING)

● 1 & 2	○ OPEN
● 3 & 6	○ SHORT
● 4 & 5 (COAX)	○ CROSS
● 7 & 8	○ SPLIT
○ SHIELD	○ BATTERY

EIA/TIA-568A



4 PAIR + SHIELD TEST

PASS = YELLOW x 5 ● (ON)

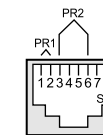
FAIL = RED ● (ON)

Yellow ○ (OFF) or

☀ (FLASHING)

● 1 & 2	○ OPEN
● 3 & 6	○ SHORT
● 4 & 5 (COAX)	○ CROSS
● 7 & 8	○ SPLIT
○ SHIELD	○ BATTERY

10BASE-T



2 PAIR TEST (1-2 AND 3-6)

PASS = YELLOW x 2 ● (ON)

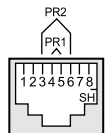
FAIL = RED ● (ON)

Yellow ○ (OFF) or

☀ (FLASHING)

● 1 & 2	○ OPEN
● 3 & 6	○ SHORT
○ 4 & 5 (COAX)	○ CROSS
○ 7 & 8	○ SPLIT
○ SHIELD	○ BATTERY

TOKEN RING



2 PAIR TEST (3-6 AND 4-5)

PASS = YELLOW x 2 (ON)

FAIL = RED (ON)

Yellow (OFF) or



(FLASHING)

<input type="radio"/> 1 & 2	<input type="radio"/> OPEN
<input type="radio"/> 3 & 6	<input type="radio"/> SHORT
<input type="radio"/> 4 & 5 (COAX)	<input type="radio"/> CROSS
<input type="radio"/> 7 & 8	<input type="radio"/> SPLIT
<input type="radio"/> SHIELD	<input type="radio"/> BATTERY

- Below are example of wiring fail.

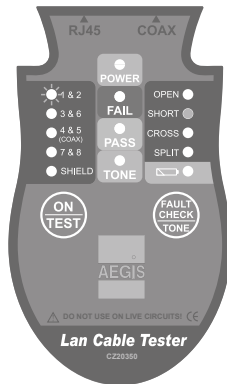
The **FAIL** indicator will be displayed and the numerical wire indicators will blink.

• OPENED: Pair 1 & 2



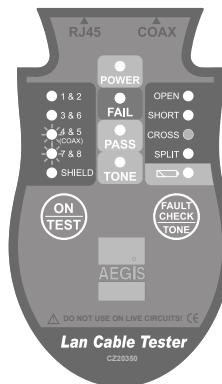
↑ If the wire pair 1 & 2 does not go to the end, the indicator for the open LED will illuminate. And the left side indicator for the 1 & 2 LED will blink.

• SHORTED: Pair 1 & 2



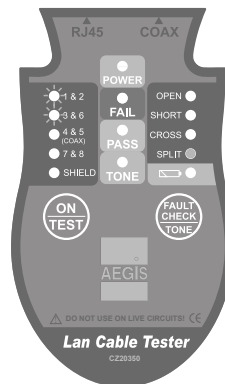
↑ If the wire pair 1 & 2 are shorted, the lights for the short LED will illuminate. And the left side indicator for the 1 & 2 LED will blink.

• CROSSED: Pair 4 & 5, 7 & 8




↑ If the wire pair 4 & 5, 7 & 8 are either swapped; transposed, crossed with another pair, or has one wire of the pair swapped with a wire of another pair. the indicator for the cross LED will illuminate. And the left side indicator for the 4 & 5, 7 & 8 LED will blink.

• SPLITED: Pair 1 & 2, 3 & 6



↑ If a cable is wired correctly, pin-to-pin, but there is split pair, indicator lght will display split pair, for example, a wire from the 1 & 2 pair could be twisted with a wire from the 3 & 6 pair.

- Low battery indication:

The  light flashes indication low battery and needs to be replaced.

- Technical data:

Display: LED, beep.

Operating voltage: 9 V battery x 1pc.

Weight: approximately 112 g.

Dimensions (L x W x H): 70 x 36 x 104 mm.

