

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.

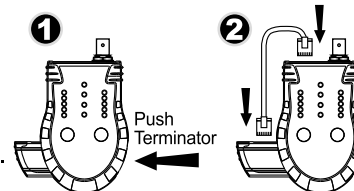
FEATURES:

- 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.

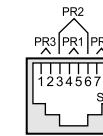
1. Push terminator out.
2. Connect LAN cable one end to RJ45 modular jack, one end to terminator.
3. Press "**ON/TEST**" to turn on.
4. Check status "**PASS**" or "**FAIL**".
Test is complete.



- 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)

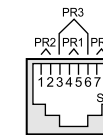
FAIL = RED ● (ON)

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)

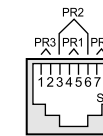
FAIL = RED ● (ON)

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)

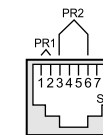
FAIL = RED ● (ON)

Yellow ○ (OFF) or

☀ (FLASHING)

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

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

PASS = YELLOW x 2 ● (ON)

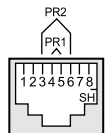
FAIL = RED ● (ON)

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 Icon]

- Below are example of wiring fail.

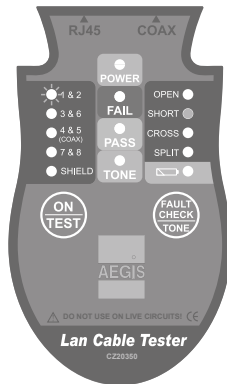
The **FAIL** indicator will be displayed and the numerical wire indicators will blink.

• OPENED: Pair 1 & 2



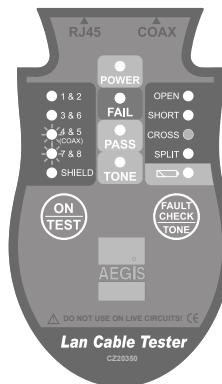
↑ If the wire pair 1 & 2 does not go to the end, the indicator for the open LED will illuminate. And the left side indicator for the 1 & 2 LED will blink.

• SHORTED: Pair 1 & 2



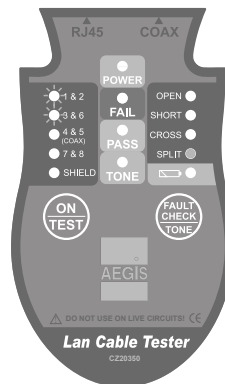
↑ If the wire pair 1 & 2 are shorted, the lights for the short LED will illuminate. And the left side indicator for the 1 & 2 LED will blink.

• 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.

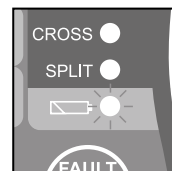
• SPLITED: Pair 1 & 2, 3 & 6



↑ 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 [Battery Icon] 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.