

## CTX200 For RJ45 and COAX cables

### POCKET CAT™ NETWORK CABLE TESTER

TESTS RJ45/CAT CABLES TO TIA568 SPECS  
TESTS COAX CABLES

INCLUDES MULTI-PAIR  
TONE GENERATOR

Cable diagrams inside



RUGGEDIZED / CUSHIONED

#### FEATURES

- ✓ Tests both RJ45-CAT5/6 and coax cables.
- ✓ Ruggedized for field use. Small and easy to carry.
- ✓ PASS/FAIL results appear in one second.
- ✓ Each pair's status is highlighted.
- ✓ Complete TIA568 test performed. Continuity, opens / shorts, reversals and split pairs.
- ✓ Tone mode for tracing cables and troubleshooting.
- ✓ Auto-off (12 seconds) to conserve battery life.
- ✓ Low battery indicator.
- ✓ Belt clip, battery (9V) and pouch included.

#### CABLE TESTING

**Purpose:** Ethernet cables have 4 pairs of wires ("twisted pairs"). It is important that the pairs correctly go to connector pins 1,2 ; 3,6 ; 4,5 ; and 7,8. The Pocket CAT tests for the proper pairing and if there is an error it will report it to you ("split pairs").

**Connecting cables to tester:**

**Installed cables:** Connect the Main unit to the wall jack and the Remote to the patch panel or far-end wall jack.

**Patch cables:** Attach the Main unit and Remote directly to the cable ends.

**Power ON and test:**

STEP 1: Press the ON button. Press again to commence test.

STEP 2: When the PASS/FAIL LEDs light, press the FAULT CHECK button to isolate any problems to an individual pair.

**Coax Testing:** Coax is displayed using the 4/5 LEDs. The coax remote is in the pouch.

#### TONE MODE

**Purpose:** Tone is used to locate a cable's far end. A tone is placed on the cable by the Pocket CAT Main unit. A probe (available separately) locates the tone at the far end of the cable.

**Connect the cable:** Plug the cable into the tester's Main unit.

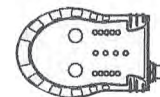
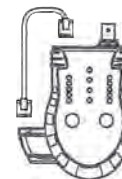
**Power ON and tone:** Press the ON button. Hold the TONE button for 7 secs to turn ON the tone. Press the TONE button repeatedly to select the pair you wish to tone. The tone is loudest when you select the entire cable (including the shield).



**WARNING. DO NOT USE  
ON LIVE CIRCUITS!**

#### CONNECTING TO THE POCKET CAT

Testing patch cables  
Slide drawer open and  
connect cable to the  
connector



Remote  
connector

Testing installed cables  
Remove drawer and connect  
to the far end of the cable

Note: The remote connector  
for coax testing is located in  
the pouch.

#### POCKET CAT FACEPLATE

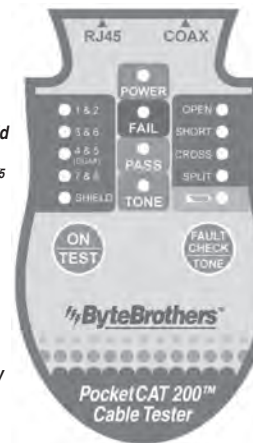


PASS/FAIL  
indicator

Pair/shield  
tested  
Coax uses 4/5



Press to test  
all pairs  
automatically



#### FAILURE DESCRIPTIONS

- OPEN:** A wire is disconnected
- SHORT:** A wire makes contact with another wire
- CROSS (REVERSAL):** A twisted pair gets flipped on one side of the cable
- SPLIT:** One wire from each of two different pairs gets swapped on both ends of the cable.

Press to test pairs  
individually.  
Hold 7 secs for tone.  
Press again to select pair.

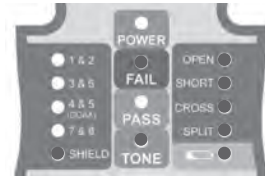
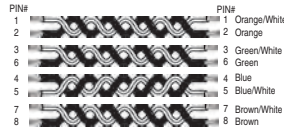
Remote  
connector  
drawer (push to  
slide or remove)

## GOOD CABLE

EIA/TIA 568B  
STRAIGHT THRU CABLE  
(MOST POPULAR)

### LEDs

- ON
- OFF
- ◐ BLINK

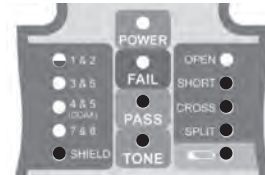
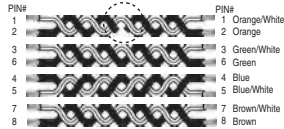


RJ45 SOCKET/PLUG  
PIN DIAGRAM

## OPEN on PAIR 1-2

### LEDs

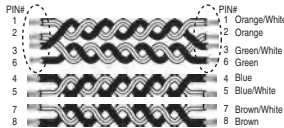
- ON
- OFF
- ◐ BLINK



## SPLIT PAIRS (PAIRS 1,2 AND 3,6 SPLIT)

### LEDs

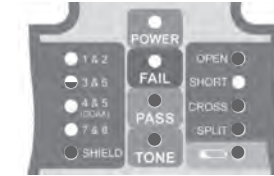
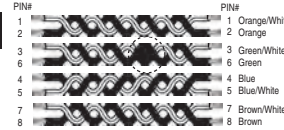
- ON
- OFF
- ◐ BLINK



## SHORT on PAIR 3-6

### LEDs

- ON
- OFF
- ◐ BLINK



## CROSSED

A WIRE ON BOTH  
PAIRS 4-5 AND 7-8  
IS FLIPPED (CROSSED)

### LEDs

- ON
- OFF
- ◐ BLINK



## COAXIAL ("COAX") CABLE

## GOOD CABLE

The Pocket CAT uses LED 4&5 to display the status of a coax cable test. Connect the near end of the cable to the BNC connector. Connect the far end to the coax terminator (pouch).

### LEDs

- ON
- OFF
- ◐ BLINK



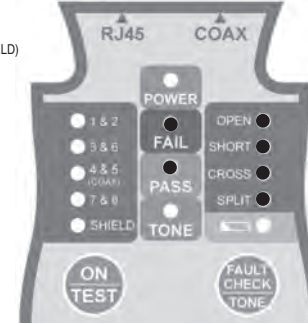
## USING TONE TO LOCATE A CABLE END

**Power ON and tone:** Hold the TONE button for 7 secs to turn ON the tone. Press the TONE button repeatedly to select the pair(s) you wish to tone. Select the setting that gives the loudest tone.  
Note: Requires an inductive probe to detect tone (available separately).

TONE "ON"  
(ALL PAIRS + SHIELD)

### LEDs

- ON
- OFF
- ◐ BLINK



TONE IS COMPATIBLE  
WITH MOST POPULAR  
PROBES (INCLUDING  
BYTE BROTHERS  
PROBES).



Hold 7 secs for  
tone. Press again  
to select pair(s).

## Limited Warranty

The manufacturer warrants to the original consumer that this product is in good working order for a period of one year from the date of manufacture or date of purchase. During this period the product will be repaired or replaced without charge for either parts or labor. The warranty does not cover damage caused by connection to high voltage sources such as telephones or Power over Ethernet (PoE). Repair or replacement as provided under this warranty is the exclusive remedy of the purchaser.



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