

# Tempo NETcat Pro2 NC-500 Structured Wiring Troubleshooter

Product Images

Product Code: C00-1328



## Short Description

---

### One Touch Testing Verifies Network Cabling and Service

The NETcat® Pro2 is a digital tool for fast, accurate checking of cables, wiring and network service.

Operated using a back-lit touch screen display, the NETcat® Pro2 tests wiring continuity and proper pair allocation, measures the length of cables, determines if network service is available and identifies Power over Ethernet (PoE) cables.

Using a fingertip or the built-in stylus, the screen can be used to control and display a range of tests from fault finding to TDR length measurement.

### Product Features

- Touch screen display with contrast adjustment and backlight
- Tests shielded twisted pair (STP) unshielded twisted pair (UTP) and coaxial cables
- 0-2000 foot cable length via TDR
- Generate four distinct, precision tones for tracing low-loss cables like Cat 5
- Identifies active network devices (PC or Hub) on 10/100 Base-T networks
- Displays network device capabilities
- Patch cable and remote jack wire-map.
- Detects shorts, opens, reversed, crossed and split pairs
- Office identification using remote ID units
- Troubleshoots and verifies a wide range of networks
- Graphical touch-screen display
- Remote jack ID and verification
- Operates on a single 9V battery, with low battery indicator
- Pulsed time domain reflectometer (TDR) shows length of all pairs
- Compatible with Tempo precision digital probes

### Specifications

Dimensions: 3.3" x 1.4" x 6.7" (8.5 cm x 3.5 cm x 17 cm)

Weight: 0.45 lb. (200 g)

Power Requirements: 9V Alkaline Battery (PP3)

Display LCD: Dot Pixels: 128 x 128 dots

Viewing Area: 60.0 x 58.4

Backlight: White LED

Buttons: LCD touch-screen, single momentary contact push button

Operating Temperature: 0°C to 50°C

Storage Temperature: -20°C to 70°C

Interface Connections: RJ45 shielded jacks, F-type threaded female coaxial connectors

TDR Calibrations: User selectable based on a known cable length. Range: 50 to 2,000 ft. - 40% to 100% in step of 1%.

Length: 2,000 ft. Maximum

Resolution: 1 ft.

Accuracy to Open/Short: +4% or 2 ft. - whichever is greater

Remote Identifier: 2,000 ft. (609.6 meters) maximum distance

Wiremap: 358 ft. (100 meters) maximum distance

Memo Pad Size: 60 Characters

NVP Library-Twisted Pair Cables: 5 fixed and 5 user definable

NVP Library-COAX Cables: 5 fixed and 5 user definable

## Description

---

### One Touch Testing Verifies Network Cabling and Service

The NETcat® Pro2 is a digital tool for fast, accurate checking of cables, wiring and network service.

Operated using a back-lit touch screen display, the NETcat® Pro2 tests wiring continuity and proper pair allocation, measures the length of cables, determines if network service is available and identifies Power over Ethernet (PoE) cables.

Using a fingertip or the built-in stylus, the screen can be used to control and display a range of tests from fault finding to TDR length measurement.

### Product Features

- Touch screen display with contrast adjustment and backlight
- Tests shielded twisted pair (STP) unshielded twisted pair (UTP) and coaxial cables
- 0-2000 foot cable length via TDR
- Generate four distinct, precision tones for tracing low-loss cables like Cat 5
- Identifies active network devices (PC or Hub) on 10/100 Base-T networks
- Displays network device capabilities
- Patch cable and remote jack wire-map.
- Detects shorts, opens, reversed, crossed and split pairs
- Office identification using remote ID units
- Troubleshoots and verifies a wide range of networks
- Graphical touch-screen display
- Remote jack ID and verification
- Operates on a single 9V battery, with low battery indicator
- Pulsed time domain reflectometer (TDR) shows length of all pairs
- Compatible with Tempo precision digital probes

## Specifications

Dimensions: 3.3" x 1.4" x 6.7"(8.5 cm x 3.5 cm x 17 cm)

Weight: 0.45 lb. (200 g)

Power Requirements: 9V Alkaline Battery (PP3)

Display LCD: Dot Pixels: 128 x 128 dots

Viewing Area: 60.0 x 58.4

Backlight: White LED

Buttons: LCD touch-screen, single momentary contact push button

Operating Temperature: 0°C to 50°C

Storage Temperature: -20°C to 70°C

Interface Connections: RJ45 shielded jacks, F-type threaded female coaxial connectors

TDR Calibrations: User selectable based on a known cable length. Range: 50 to 2,000 ft. - 40% to 100% in step of 1%.

Length: 2,000 ft. Maximum

Resolution: 1 ft.

Accuracy to Open/Short: +4% or 2 ft. - whichever is greater

Remote Identifier: 2,000 ft. (609.6 meters) maximum distance

Wiremap: 358 ft. (100 meters) maximum distance

Memo Pad Size: 60 Characters

NVP Library-Twisted Pair Cables: 5 fixed and 5 user definable

NVP Library-COAX Cables: 5 fixed and 5 user definable