

NETcat® Pro NC-500 Structured Wiring Troubleshooter



One Touch Testing Verifies Network Cabling and Service.

The NETcat® Pro is a digital tool for fast, accurate checking of cables, wiring and network service. Operated using a back-lit touch screen display, the Pro not only tests wiring continuity and proper pair allocation, but measures the length of cables and determines if network service is available. When used with the NC-510 Accessory Kit containing seven (7) expansion remote

test modules, the NETcat Pro can uniquely test coax or twisted pair jacks from a central location eight (8) at a time. Using either 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. The display can be set to English, Spanish or French language.

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 Greenlee 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)

User Interface

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

Environmental

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 Calibration: User selectable based on a known cable
length. Range: 50 to 2000 ft. - 40% to
100% in step of 1%

Length: 2000 ft Maximum

Resolution: 1 ft.

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

Remote Identifier: 2000 ft. (609.6 meters)
maximum distance

Wiremap: 358 ft (100 meters)
maximum distance

ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION	QTY
NC-500	23639	NETcat Pro Digital VDV Wiring Troubleshooter	1
NC-510	23640	NETcat Pro Accessory Kit w/carry case and seven (7) digital remote units	1