



**GREENLEE®**  
A Textron Company

There With You™  
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## NETcat® Pro NC-500

Structured Wiring  
Troubleshooter

Fast and Accurate



## **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, French or German language.

## Features

- Graphical touch screen display with contrast adjustment and backlight.
- Tests shielded twisted pair (STP) unshielded twisted pair (UTP) and coaxial cables.
- 0-2,000 foot cable length via TDR.
- Generate four distinct, precision tones for tracing low-loss cables like Cat 5.
- Identifies active network devices on 10/100/1000 Base-T Ethernet (802.3) 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.
- 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.
- Detects presence of Power over Ethernet (PoE) sources (802.3af compliant).
- NVP cable library with user definable capability (stored in non-volatile memory).
- Memo Pad/reminder feature (stored in non-volatile memory).

## Specifications

<b>Dimensions:</b>	3.3" x 1.4" x 6.7" (8.5 cm x 3.5 cm x 17 cm)
<b>Weight:</b>	0.45 lb. (200 g)
<b>Power Requirements:</b>	9V Alkaline Battery (PP3)
<b>User Interface</b>	
<b>Display LCD:</b>	Dot Pixels: 128 x 128 dots
<b>Viewing Area:</b>	60.0 x 58.4
<b>Backlight:</b>	White LED
<b>Buttons:</b>	LCD touch-screen, single momentary contact push button
<b>Environmental</b>	
<b>Operating Temperature:</b>	0°C to 50°C
<b>Storage Temperature:</b>	-20°C to 70°C

<b>Interface Connections:</b>	RJ45 shielded jacks, F-type threaded female coaxle connectors
<b>TDR Calibrations:</b>	User selectable based on a known cable length. Range: 50 to 2,000 ft. - 40% to 100% in step of 1%.
<b>Length:</b>	2,000 ft. Maximum
<b>Resolution:</b>	1 ft.
<b>Accuracy to Open/Short:</b>	+4% or 2 ft. - whichever is greater
<b>Remote Identifier:</b>	2,000 ft. (609.6 meters) maximum distance
<b>Wiremap:</b>	358 ft. (100 meters) maximum distance
<b>Memo Pad Size:</b>	60 Characters
<b>NVP Library-Twisted Pair Cables:</b>	5 fixed and 5 user definable
<b>NVP Library-COAX Cables:</b>	5 fixed and 5 user definable

## Ordering Information

CAT #	UPC #	DESCRIPTION	QTY
NC-500	23639	NETcat Pro Digital VDV Wiring Troubleshooter	1
NC-510	23640	NETcat Pro Accessory Kit w/carry case and eight (8) digital remotes	1
PA901074	?????	F-Type (female) to BNC (male) adapter	1
PA9675	?????	F-Type (female) to F-type (female) 2 pack barrel adapters	1
PA9711	?????	F-Type (male) to BNC (female) adapter	1
PA9712	?????	F-Type (male) to RCA (female) adapter	1
?????	?????	RJ45 adapter w/alligator clips	1
?????	?????	Master remote unit ID#1	1

## DISTRIBUTOR INFORMATION: