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)	**Interface Connections:**	RJ45 shielded jacks F-type threaded female coaxial connectors
Weight:	0.45 lb. (200 g)		
Power Requirements:	9V Alkaline battery (PP3)	**TDR Calibration:**	User selectable based on a known cable
User Interface			length. Range: 50 to 2000 ft. - 40% to
Display LCD:	Dot Pixels: 128 x 128 dots		100% in step of 1%
Viewing Area:	60.0 x 58.4	**Length:**	2000 ft Maximum
Backlight:	White LED	**Resolution:**	1 ft.
Buttons:	LCD touch-screen, Single momentary contact push button	**Accuracy to Open/Short:**	+4% or 2 ft. whichever is greater
		Remote Identifier:	2000 ft. (609.6 meters) maximum distance
Environmental			
Operating Temperature:	0°C to 50°C	**Wiremap:**	358 ft (100 meters)
Storage Temperature:	-20°C to 70°C		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

DISTRIBUTED BY: All-Spec Industries
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A Textron Company

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