

NETcat® Pro2
NC-500

STRUCTURED WIRING TROUBLESHOOTER

TESTING | TROUBLESHOOTING | ACCURACY



Product Features:

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.

When used with the NC-510 Accessory Kit, containing seven (7) expansion remote test modules, the NETcat® Pro2 can uniquely test coax or twisted pair jacks from a central location eight (8) at a time. 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. The display can be set to English, Spanish, French or German language.

Ordering Information:

CAT. NO.	DESCRIPTION
NC-500	NETcat Pro2 Digital VDV Wiring Troubleshooter
NC-510	NETcat Pro Accessory Kit w/carry case and seven (7) digital remotes
PA901074	F-Type (female) to BNC (male) adapter
PA9675	F-Type (female) to F-type (female) 2 pack barrel adapters

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NETcat® Pro2 NC-500

Fast and Accurate

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

Key Features:

- Identifies active network devices on 10/100/1000 Base-T Ethernet (802.3) networks.
- Identifies PoE (source device detection).
- Memo Pad/reminder feature - stored in non-volatile memory.
- Field replaceable "F" type connector.

Other Features:

- NVP cable library allows for 5 commonly used fixed and 5 user selectable cable types - stored in non-volatile memory.
- 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 (600 Meter) cable length via TDR.
- 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.
- Generate four distinct, precision tones for tracing low-loss cables like Cat 5.
- Operates on a single 9V battery, with low battery indicator.
- Compatible with Tempo precision digital probes.

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