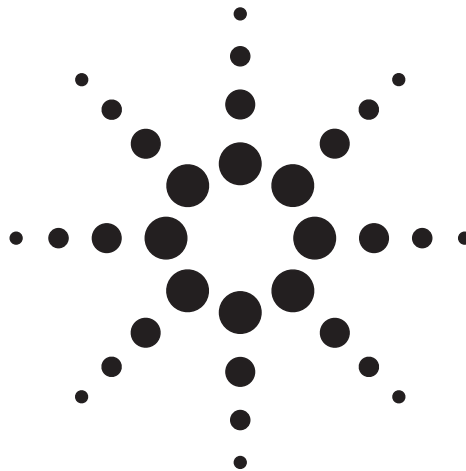


Agilent N2600A WireScope™ 350



Features and Benefits

- Certifies compliance of installed LAN cabling to TIA Category 6 and ISO Class E standards
- Accuracy beyond TIA and ISO level III requirements traceable to laboratory reference standards
- Tests fiber optic cabling via optional Fiber SmartProbes
- Expandable test result storage on removable CompactFlash™ memory cards
- Included ScopeData Pro software produces professional quality graphical test reports
- Easy to use color touch screen interface minimizes training requirements
- Talkset support improves coordination within testing teams



One Answer to All Cable and Fiber Testing Needs

The Agilent WireScope™ 350 cable tester provides high performance permanent link and channel test probes for UTP, STP, ScTP or coax copper cabling. The Fiber SmartProbes provide certification testing of both multimode and single mode fiber cables while also providing low cost optical power meter and light source functionalities.

Superior Measurement Performance with eACT Technology

The WireScope™ 350 is based on frequency domain testing, the same principle used by the world's most accurate network analyzers. Its unmatched hardware accuracy is further

augmented by state of the art software algorithms including a novel patent pending eACT algorithm to automatically cancel the interface and adapter effects from the test results. This automatic and dynamic compensation assures superior repeatability and accuracy with continuous usage of the instrument.

Color User Interface

A bright color touch screen simplifies navigation through menus and improves comprehension of test result data, resulting in faster operation and reduced training times. Setup instruction screens assist the operator when configuring test options, minimizing the chances of inadvertently testing to the wrong limits. All settings can be

defined on a PC and downloaded in a single operation, speeding the process of configuring multiple WireScope™ 350 sets for the same job site testing requirements.

Professional-Quality Reports

As the complexity of cable testing standards increases, it becomes more challenging to clearly present test result data. The WireScope™ 350 solves this problem with professionally designed report layouts which include plots of test data, facilitating at-a-glance analysis of cabling quality and headroom vs. limits. The WireScope™ 350 test memory can be expanded with removable CompactFlash™ memory cards to support plot storage for all tests.





WireScope™ 350 Specifications

Test Parameters

- Supported frequency range: 1-350 MHz
- Accuracy: TIA Level III accuracy

Supported Tests

- Near End Crosstalk (NEXT): results displayed in pair to pair and/or PowerSum format
- Attenuation (Insertion Loss)
- Equal Level Far End Crosstalk (ELFEXT)
- Return Loss
- Ambient Noise: plots noise versus frequency
- Wire Map: identifies miswires, shorts, opens, reversals and split pairs. Detects shield continuity.
- Cable Length: measures length of each pair and distance to faults
- Propagation Delay: reports total delay and delay skew between pairs
- Loop Resistance

Test Standards

- TIA/EIA-606-A and TIA/EIA-568-B Cat 3 through 6
- ISO/IEC 11801 Class C, D and E
- EN 50173 Class C, D and E
- Australia/NZ Class C, D and E
- TIA 606a
- UTP, STP, SCTP, COAX and Twinax cabling
- IEEE 802.310BASE-T, 100BASE-TX, 1000BASE-T
- IEEE 802.5 Token ring and IBM Type 1
- UTP and fiber PMD interfaces

Memory

- Type 1 CompactFlash™ memory allows for flexible test record storage. 32 MByte CF card included.

Power

- Removable/Rechargeable NiMH batteries

Dual Remote

- Included as part of WireScope 350 Product Kit; provides all required testing from the far end of the cable.

Interface

- 2.38" x 6.25" (6 x 16 centimeters) touch-sensitive color LCD display screen

Dimensions

- Size: 9" x 4.5" x 2.6" (22.8 x 11.4 x 6.6 centimeters)
- Weight: 2.6 lbs. (1.2 kilograms)

Ports

- Intelligent Test Port
- Serial Port
- Universal serial bus
- Talkset interface: 3.5 mm stereo jack

Ordering Information

WireScope™ 350 Product Kit Contents:

(1) WireScope™ 350, (1) DualRemote 350, (1) Nylon Carrying Case, (2) Hanging Straps, (2) AC Power Supplies, (1) ScopeData Pro Software, (2) Cat 6 Permanent Link Probes, (2) Cat 6 Channel Probes, (1) USB cable, (1) ScopeData Pro Users Guide, (1) WireScope™ Users Guide

Model

- N2600A-100 WireScope™ 350 Product Kit
- N2600A-130 WireScope™ 350 Multimode Professional Test Kit
- N2600A-150 WireScope™ 350 Multimode and Single Mode Professional Test Kit

Optional Probes and Accessories

- N2604A-100 Category 6 Channel Probe (set of two)
- N2604A-101 Category 6 Permanent Link Probe (set of two)
- N2604A-200 COAX Test Probe
- N2605A-134 Removable Battery Pack
- N2605A-135 Hard Carrying Case
- N2605A-137 Talkset Kit
- N2605A-097 USB Cable
- N2584A-003 Serial Cable
- N2596A AC Power Adapter

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