

WirePerfect

CAT 7 LAN Tester

Your best friend in LAN certification

Friendly and easy to use 5,5" touch screen user interface

CAT3 to CAT7 testing

Supported frequency range: 1MHz-1GHz

WirePerfect is a reliable easy to use LAN cable tester designed to support CAT 7 / ISO F specifications. Some of its most relevant characteristics are:

- ✓ CAT 3 to CAT7 testing. Supported frequency range: 1 MHz-1 GHz
- ✓ Level IV accuracy
- ✓ 32Mb internal Flash Memory. SSD memory card slot, up to 1 Gb external memory.
- ✓ Fiber optic testing via plugin module.
- ✓ **WireData** software for Cable results management.
- ✓ High speed data transfer via USB interface.
- ✓ 5,5" touch screen user interface



WirePerfect Measurements

- Wire Map
- Length
- Propagation Delay
- Delay Skew
- DC Loop Resistance
- Insertion Loss
- Return Loss
- NEXT
- Attenuation-to-crosstalk Ratio (ACR)
- ELFEXT
- Power Sum ELFEXT
- Power Sum NEXT
- Power Sum ACR

GENERAL FEATURES

Dimensions: Main unit and Remote: 25,9x15,3x7,2, nominal

Weight: 1.3 kg, nominal

Display: Large 5,7 in diagonal, 240 dots wide by 320 dots high, active color display with backlight.

Operating temperature: 5°C to 45°C

Storage Temperature: -10°C to +60°C

EMC: EN 61326-1

Power: Main unit and remote: Lithium-ion battery pack, 3,7 V, 8000 mAh

- Typical battery life: 5 to 7 hours
- Charge: 4 hours
- AC adapter/charger; Input 90 V ac to 264 V ac, 48 to 62 Hz; Output 12 V dc, 1.5
- Typical life of lithium battery: 5 years

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Cable Types: Shielded and unshielded Twisted Pair (STP, FTP, SSTP and UTP) LAN cabling:

- TIA Category 3, 4, 5, 5E and 6: 100Ω
- ISO/IEC Class C and D: 100Ω and 120Ω
- ISO/IEC Class E, 100Ω ISO/IEC Class F, 100Ω
- Cat 6/ Class permanent link adapters and channel adapters Plug type for shielded and unshielded cable, TIA Cat 3, 4, 5, 5e, and 6 and ISO/IEC Class C, D and E permanent link and channels.

Test Standards

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| • EN 50173 Class C, D, E and F |
| • TIA Category 3 and 5e per TIA/EIA-568B |
| • TIA Category 5 (1000BASE-T) per TIA TSB-95 |
| • TIA Category 6 per TIA/EIA-568B.2-1 |
| • ISO/IEC 11801 Class C, D, E and F |
| • ANSI TP-PMD |
| • IEEE 802.3 10BASE-T, 100BASE-TX, 1000BASE-T |

What makes WirePerfect different?

- **Robust:** WirePerfect is protected against hazardous voltages up to 100V. It detects them and stops measuring until undesirable voltages are eliminated.
- **Friendly:** Switch on and measure. WirePerfect offers all kind of facilities to the user allowing her to choose the right type of cable and normative, and to introduce the data that exactly locate the cable which is going to be measured in an easy and intuitive way.
- **It stores a big amount of results in its internal memory:** WirePerfect has 32Mb of internal flash memory and SSD card reader up to 1Gbyte memory.
- **Easy faults location:** WirePerfect has a TDR of very easy handling that allows to locate the most frequent failures and problems.
- **Modular design:** The modular philosophy of WirePerfect allows its functionalities to grow with the user needs.
- **External software for managing of results:** WireData is the PC software that manages the results obtained with WirePerfect, it is also easy to use and included with WirePerfect free of charge.
- **Usability:** WirePerfect is probably the most friendly LAN Tester of the market, thanks to its 5.5" screen, the data input by means of a touch panel, and its friendly and intuitive menus.
- **Reports Generation:** WirePerfect allows to print results report directly with no need of a PC.

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