

Most Advanced Instrument in the Wavetek Wandel Goltermann Family of LAN Cable Testers.

Supports
Emerging CAT 6/Class E
Standards and More!

LT 8600T



The LT 8600T is a 300 MHz Level III high-performance cable tester that exceeds the requirements for emerging CAT 6/Class E testing standards

The competitive nature of the cable installation market demands that you are prepared to test all types of network designs. The LT 8600T allows you to perform all required tests, including tests for emerging CAT 6/Class E standards, helping you keep pace with new business opportunities.

Time Domain Reflectometer

The advanced TDR function available in the LT 8600T is designed to provide the operator with an easy to use in-depth analysis capability. The TDR can help find and resolve post-certification problems, determine length of the cable runs and

identify embedded connectors in the horizontal cables.

The LT 8600T TDR provides a continuous reading of the link conditions, enabling immediate real time analysis of the impacts of any changes, such as disconnecting the connectors. The LT 8600T TDR user interface provides a real time graphical display of impedance verses distance for the selected pair of wire. The display also contains a vertical line cursor which can be positioned by the operator at any position along the graph and zoom in for better resolution.

The LT 8600T tester comes with the TDR capability as a standard feature. For the installed base which may not have the TDR, there is an upgrade kit available from the factory.

- Tests up to 300 MHz exceeding the requirement for emerging CAT 6/Class E standards.
- Performs all advanced Power Sum measurements up to 300 MHz.
- Supports up to 15 different tests individually or in a test suite.
- Supports Distance-to-Fault with TDR technology.
- Options for single-mode and multimode fiber optic and talkset capabilities.
- LT-Record Manager software supports all record keeping, reporting and certification requirements.
- Easy-to-use button interface.
- Backed by Wavetek Wandel Goltermann's world class customer service.



**WAVETEK
WANDEL
GOLTERMANN**
Communications Test Solutions

LT 8600T Specifications

Comprehensive Testing Capabilities For Today and Tomorrow.

S P E C I F I C A T I O N S T A B L E

Parameter	Range	Resolution	Accuracy
Length	0-1100 ft.	1 ft.	±(3%+3 ft.)
Delay	0-8000 ns	1 ns	±(3% + 1 ns)
Average Impedance	35-180 Ω	0.1 Ω	±(3% + 1 Ω)
Capacitance (Bulk)	0-100 nF	1 pF or 3 dig	±(2% + 20 pF)
Capacitance (per ft.)	0-100 pF/ft.	0.1 pF	±(2% + 1 pF)
DC Loop Resistance	0-200 Ω	0.1 Ω	±(1% + 2 Ω)
Attenuation	1-300 MHz 0 to limit (FEXT) +5dB	0.1 dB	Level III
NEXT	1-300 MHz 0 to limit (FEXT) +5dB	0.1 dB	Level III
Return Loss	1-300 MHz 0 to limit (FEXT) +5dB	0.1 dB	Level III
ELFEXT	1-300 MHz 0 to limit (FEXT) +5dB	0.1 dB	Level III

Model LT 8600T (Standard Package)

Includes: Main Display Handset with protective rubber boot, Remote Handset with protective rubber boot, (2) NiMH Rechargeable Batteries, (2) Basic Link Test Adapters, (2) Channel Adapters, (2) Recharger/AC Power Modules, Field Calibration Module, Serial I/O Cable, (2) Lanyards, LT Record Manager PC Software, Operator's Manual, User's Quick-Reference Guide and Compartment Soft Carrying Case.



See Your WVG Distributor For a Free Cable Tester Demonstration Today.

The Only Cable Testers You'll Ever Need™

Your Local Representative:

Storage Capacity: 1,500 Autotests

Test Standard Compliance: TIA/EIA 568A, TSB67, TSB95
CAT 5/5e, CAT 6 (draft), ISO 11801, Class C, D & E (draft), AS/NZS 3080, IEEE 802.3 Ethernet, IEEE 802.5 Token Ring, EN50173, DIN 44312-1

Cable Types: UTP/ScTP/FTP;
CAT 3/5/5e/6; ISO C/D/E (Basic & Channel)
IBM STP Type 1,2,6, Coax

Dimensions: 10" x 4.25" x 2.5"
(Display & Remote) 250mm x 108mm x 64mm

Weight: 2.3 lb (1050g)-display
2.0 lb (914g)-remote

Battery Packs: NiMH (rechargeable)

Typical Oper. Life (Battery): 8 hrs

Max. Operating Temp: 0°C - 50°C

Max. Storage Temp: -20°C to +70°C

Humidity: 5 - 90% noncondensing

ACCESSORIES AND OPTIONS

LT8BASIC Set of 2 CAT 5/5E Basic Link Adapters

LT8CHANNEL Set of 2 Channel Link Adapters

LT8110 Set of 2 110-Block Adapters

LT8IBMA Set of 2 Token-Ring Adapters

LT8COAXA Coaxial Link Adapters Kits

LT8BTCHG120 120V dual-bay quick battery charger

LT8BTCHG240 240V dual-bay quick battery charger

LT8TALKSET Set of 2 earphone/microphone headsets

LT8BATTPACK Extra NiMH battery

LT8DCCA Deluxe hard-shell carrying case

LT8KIT Professional installer's kit (Includes all of above with (2) batteries)

FiberKit+850 Fiber optic cable test kit:
Includes power meter and 850nm Multimode LED light source modules, ST adapters, user guide, and case

FiberKit+MM Same as above except with Dual Wavelength 850nm/1300nm LED Light Source module

FiberKit+ALL Includes all of +MM kit above, plus 1310nm and 1550nm Single-Mode laser light source modules

542SP Tone sensing speaker probe

LTGA Powerful graphical analyzer software package

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