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.

WAVETEK WANDEL GOLTERMANN
Communications Test Solutions

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 WWG 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: (Display & Remote)	10" x 4.25" x 2.5" 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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