

Wavetek LT8155T Specs

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Advanced Cable Tester That Puts You Ahead of Your Competition Today and Tomorrow.

LT 8155T



The LAN Cable Test and Certification Tool You Need To Do The Job Fast and Right

You can have all the productivity, dependability and certification features you need in a cable tester today, plus peace-of-mind knowing you've invested in an instrument fully upgradeable to future standards.

Current Certification and Best Path to Emerging Standards

The LT 8155T meets all certification standards through Category 5/5E to Level IIE accuracy and ISO Class D. For future standards like Category 6 and ISO Class E, the LT 8155T is your best investment because it is fully upgradeable. By upgrading the LT 8155T the overall cost is lower, easier and you will save time by not having to retrain on a new tester.

Time Domain Reflectometer

The advanced TDR function available in the LT 8155T 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 8155T 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 8155T TDR user interface provides a real time graphical display of impedance verses distance for the selected pair of wire.

The LT 8155T 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.

- Test Category 3, 5 and 5E, ISO Class C, D to 155 MHz.
- Meets superior Level IIE accuracy.
- Measures Power Sum NEXT, ACR, ELFEXT and Headroom up to 155 MHz.
- Fast Autotest performance reduces job time.
- Ensures cable will support Fast Ethernet, 155 Mbps ATM and Gigabit Ethernet.
- Stores 1,500 Autotest records.
- Increases productivity with:
 - Built-in Tone Generator
 - Talkset Capability
 - Multiple Remote Handsets
- Integrated Job Management organizes test records as projects, shifts or sites.
- Store, report, and print cable records with PC based software.
- Large backlit LCD quickly shows results and graphical plots.
- Advanced fiber optic cable testing options.



**WAVETEK
WANDEL
GOLTERMANN**
Communications Test Solutions

LT 8155T Specifications

Your Competitive Edge In Advanced Cable Testing.

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**Contact your local
office for complete list
of accessories**

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.+NVP)
Delay	0-4000 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	0-400 Ω	0.1 Ω	±(1% + 2 Ω)
Attenuation	1-155 MHz	0.1 dB	Level IIe
NEXT	1-155 MHz	0.1 dB	Level IIe
Return Loss	1-155 MHz	0.1 dB	Level IIe

Model LT 8155T (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, ISO11801, Class C & D, 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; ISO Class C, D (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 Kit

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

