

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

LT 8155A



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

Now you can have all the productivity, dependability and standards 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 8155A 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 8155A is your best investment because it is fully upgradeable. By upgrading the LT 8155A the overall cost is lower, easier and you will save time by not having to retrain on a new tester.

**Price/Performance Beyond Compare**  
Over 50% more performance at a lower price! Now you can test 155 MHz for substantially less than it previously cost to test 100 MHz.

## Proven Reliability and Durability

As one of the pioneers of portable cable testers drawing on over three decades of test equipment design and manufacturing, the entire LT 8000 family offers unmatched reliability and accuracy. Built to withstand the most rugged of work conditions, every Wavetek Wandel Goltermann LAN cable tester is field-ready.

- 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.
- Super fast Autotesting 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 included PC software.
- Large backlit LC display quickly shows results and graphical plots.
- Advanced fiber optic cable testing options.

# LT 8155A Specifications

## Your Competitive Edge In Advanced Cable Testing.

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.	$\pm(3\%+3 \text{ ft.}+\text{NVP})$
Delay	0-4000 ns	1 ns	$\pm(3\% + 1 \text{ ns})$
Average Impedance	35-180 $\Omega$	0.1 $\Omega$	$\pm(3\% + 1 \Omega)$
Capacitance (Bulk)	0-100 nF	1 pF or 3 dig	$\pm(2\% + 20 \text{ pF})$
Capacitance (per ft.)	0-100 pF/ft.	0.1 pF	$\pm(2\% + 1 \text{ pF})$
DC Loop Resistance	0-400 $\Omega$	0.1 $\Omega$	$\pm(1\% + 2 \Omega)$
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 8155A

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 (Link & Channel) IBM STP Type 1,2,6 IBM STP Type 1, 2, 6, Coax
Dimensions:	10" x 4.25" x 2.5" (Display & Remote) 250mm x 108mm x 64mm
Weight:	1.75 lb (800g)-display 1.6 lb (728g)-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.

LT8SRA	Additional Remote Handset
LT8CHANNEL	Set of 2 Channel Link Adapters
LT8110	Set of 2 110-Block Adapters
LT8IBMA	Set of 2 Token-Ring Adapters
LT8COAXA	Kit Coaxial Adapters
LT8BTCHG120	120V dual-bay quick battery charger
LT8BTCHG240	240V dual-bay quick battery charger
LT8DCCA	Deluxe hard-shell carrying case
LT8TALKSET	Set of 2 earphone/microphone headsets
LT8BATTPACK	Extra NiMH battery
LT8KIT	Professional installer's kit (Includes all of above and (2) extra 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

### Wavetek Wandel Goltermann Sales Offices

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