Category 5 Cable Testing at an Affordable Price.

LT 8100A

- **Test Category 3, 5 and 5E, ISO Class C, D to 100 MHz.**

- **Meets superior Level IIE accuracy.**

- **Measures Power Sum NEXT, ACR, ELFEXT.**

- **Fast Autotest performance reduces job time.**

- **Stores 150 Autotest records.**

- **Built-in Tone Generator and Talkset Interface.**

- **Large backlighted LCD quickly shows results and graphical plots.**

- **Integrated Job Management organizes test records as projects, shifts or sites.**

- **Complete diagnostics testing for troubleshooting.**

- **Store, report and print cable records with PC based software.**

- **Upgradeable to higher level LT 8000 Series cable tester.**

LAN Cable Testing Made Easier and Less Expensive

Now those bigger and more profitable LAN cable installation and certification jobs can be yours with the LT 8100A cable tester from Wavetek Wandel Goltermann. You get all the features you need in one easy-to-use unit, at a price that offers you the best price/performance available.

Certify to Standards and Troubleshoot Too

Complete testing and certification to Category 5/5E and ISO Class C/D, Level IIE accuracy standards makes this cable tester perfect for any certification job. With powerful diagnostic testing capabilities, the LT 8100A is also the ideal tool for troubleshooting use in moves, adds and changes.

Price/Performance Beyond Compare

Offering the best price available in a Category 5/5E and Class C/D tester, the LT 8100A provides advanced measurement such as Power Sum, ELFEXT, and features like fast autotest mode, over one year data retention, large diagnostic display screens, and universal ICON-based interface.

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.

WAVETEK
WANDEL
GOLTERMANN
Communications Test Solutions

A New Opportunity In LAN 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.	±(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	1-100 MHz	0.1 dB	Level IIe
NEXT	1-100 MHz	0.1 dB	Level IIe
Return Loss	1-100 MHz	0.1 dB	Level IIe

Model LT 8100A (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) 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.

The perfect tool for certifying all cable installation jobs, the LT 8100A is simple to operate and reports results in an easy-to-understand pass/fail format. When failures do occur, the LT 8100A helps pinpoint the source of the failures, such as the location of a wire map error.

Storage Capacity:	150 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: (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.

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
LT8BTCHG	Dual-Bay, quick battery charger
LT8DCC	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 with (2) batteries)
542SP	Tone sensing speaker probe

Your Local Representative:

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

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