LT 8155

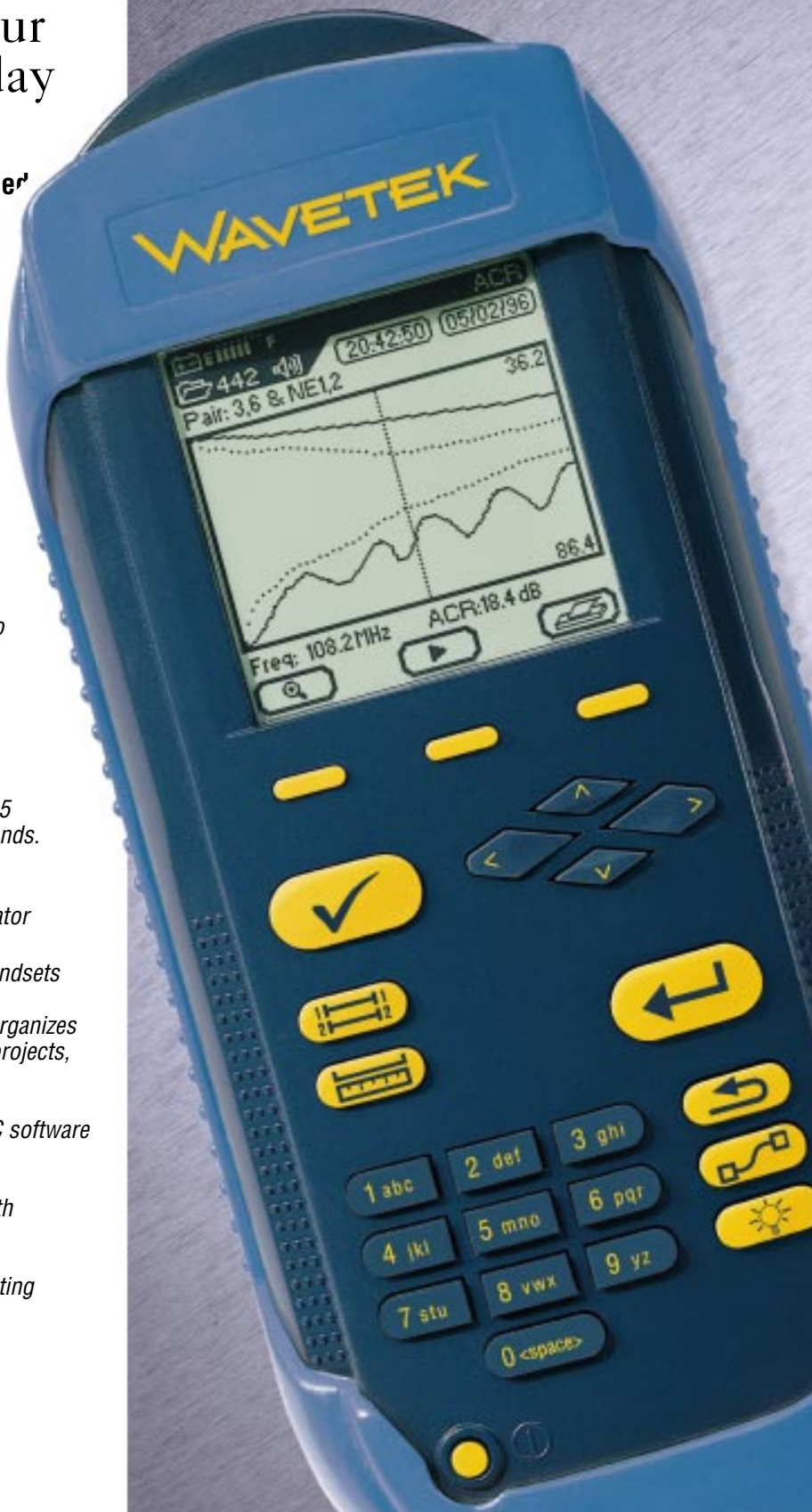
WAVETEK®

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

The High Frequency Tool You Need To Do The Job Fast and Right.

Now you can have all the productivity, dependability and certification features you need in a cable tester right now, without sacrificing your equipment investment in the future.

- *Enhanced Category 5 and Class D Certification up to 155 MHz.*
- *Measures Power Sum NEXT and ACR, and Headroom up to 155 MHz.*
- *Ensure cable supports Fast Ethernet, 155 Mbps ATM and Gigabit Ethernet.*
- *Complete Enhanced Category 5 Autotests in less than 10 seconds.*
- *Increase productivity with:*
  - *– Built-in Tone Generator*
  - *– Talkset capability*
  - *– Multiple Remote Handsets*
- *Integrated Job Management organizes your test records in multiple projects, shifts or sites.*
- *Cable Record Management PC software included.*
- *Quickly understand results with graphical plots.*
- *Advanced fiber optic cable testing options.*



SPECIFICATIONS TABLE

Parameter	Range	Resolution	Accuracy	Other
Length	0-1100 ft.	1 ft.	±(3%+3 ft.+NVP)	Propagation Rate: 0.5-0.99c
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	±0.6 dB at CAT 5/ Class D Limit	Measurement Range: 0-70 dB Freq. Step Size (kHz): 150, 250
NEXT	1-155 MHz	0.1 dB	±1.6 dB at CAT 5/ Class D Limit	Measurement Range: 0-70 dB Freq. Step Size (kHz): 150, 250
Return Loss	1-155 MHz	0.1 dB	±2.0 dB at Class D Limit	Measurement Range: 0-30 dB Freq. Step Size (kHz): 150, 250

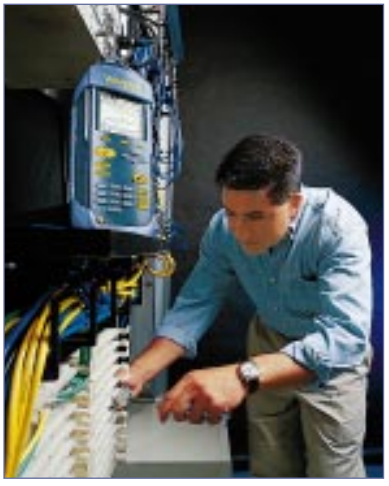
Your Competitive Edge In Advanced Cable Testing.

Current Certification With An Easy Path To Emerging Standards

Enhanced Category 5 level III and ISO Class D certification standards plus easy, affordable upgrades to future testing capabilities.

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.



The LT 8155 is the perfect tool for certifying all cabling installations, plus measuring headroom and performance grading for enhanced cabling up to 155 MHz. Tests can be viewed in graphical plot format as well as text. 1,500 Autotest results can be stored resulting in enough capacity for several days testing.

Proven Reliability and Durability

Drawing on more than three decades of leadership in test equipment design and manufacturing, the entire LT 8000 family of testers offers unmatched reliability and accuracy. Built to withstand the most rugged of work conditions, every Wavetek cable tester is field ready.

Storage Capacity:	1,500 Cat 5 Autotests
Test Standard Compliance:	TIA TSB-67 Level III ISO 11801 EN 50173 DIN 44312-1
Cable Types:	UTP/ScTP/FTP CAT 3,4,5 (Basic & Channel) IBM STP Type 1,2,6 Coax: 10Base2,10Base 5
Dimensions: *(Display & Remote)*	10" x 4.25" x 2.5" 250mm x 108mm x 64mm
Weight:	1.75 lb (800g)-display 1.6 lb (728g)-remote
Battery Packs:	NiMH
External Source:	12 Vdc, 800 mA cont.
Typical Oper. Life (Battery):	8 hrs
Compliance & Cert:	CE & UL/CUL
Max. Operating Temp:	0°C - 50°C
Max. Storage Temp:	-20°C to + 70°C
Humidity:	5 - 90% noncondensing

Optional: Extended Troubleshooting Module.

TDR (Z vs. Length)

Distance Range:	0 - 1100 ft.
Distance Res:	1 ft.
Imped Range:	0 - 400 Ω
Imped Resolution:	0.1 Ω
Imped Accuracy:	±(3% + 1 Ω)

Average Noise

Range:	0 - 2 Vrms
Bandwidth:	40 Hz - 155 MHz
Resolution:	10 mVrms
Accuracy:	±(3% + 20 mVrms)

Impulse Noise

Count Range:	0 - 999 cnts/sec
Threshold Range:	0 - 2 V
Threshold Res:	10 mV
Threshold Accuracy:	±(5% + 20 mV)
Min. pulse width:	10ns above threshold

Traffic Monitor

Utilization Range:	0 - 100%
Collision & Jabber Detection	
Continuous Monitor:	24 hr max
Link Pulse:	Every 50 ms