



# AXS-200 SharpTESTER ACCESS LINE

# EXFO

EXPERTISE REACHING OUT

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überreicht durch:

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## The SharpTESTER Access Line

### Multiservice testing and easy problem-solving: A perfect match

Introducing **SharpTESTER**, an all-new series of handhelds that extends EXFO's multimediatest expertise all the way down to the access network. Featuring a combined multilayer and multimediatesting approach, **SharpTESTER** goes beyond traditional performance assessment and fault characterization: it delivers accurate pinpointing for every part of your network—a ready-made solution to your network's flaws.

Razor-sharp, ultra-flexible, yet affordable.  
It's the new authority in access network testing.



- **Copper, fiber and data testing** configurations on a single platform and a **common graphical user interface (GUI)**
- Configurable **DSL triple-play, fiber characterization and Ethernet** test functionalities
- **One-touch testing functions**, for quick, fail-safe **multiservice and multilayer** analysis

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## Designed to evolve with your network

It's a fact: over time, customer needs change, driving the evolution of your network. Bandwidth-hungry killer applications such as broadband IPTV are becoming increasingly entrenched in the telecommunications consumer market, and network infrastructures must follow these trends and anticipate the related technology issues.

Designed with this in mind, the **SharpTESTER Access Line** is built around the AXS-200, a small handheld platform that offers a common intelligent interface for its **three series of modules**— **Ethernet**, **copper/DSL/triple-play** and **optics**—providing network technicians with a full-fledged multiservice/multimedium test solution.

### The AXS-200 SharpTESTER platform. Three series of modules.

#### Ethernet

- Highly efficient installation and maintenance testing for Ethernet circuits
- BER and connectivity testing, RFC 2544 performance assurance

#### Copper/DSL/Triple-Play

- Complete local-loop testing with a bandwidth of up to 30 MHz
- ADSL1/2/2+, VDSL2 and Ethernet-based analysis of triple-play services (VoIP, IPTV, data)

#### Optics

- First-class physical-layer testing within fiber access links
- Combined OTDR and power meter functionalities
- Fiber certification



- 1 Quick-test button
- 2 Extended memory of 512 MB
- 3 Application-specific LED indicators
- 4 Advanced TFT transfective display
- 5 Built tough

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# The SharpTESTER Access Line

Truly intuitive software,  
for streamlined field testing cycles

Now more than ever, the operative word is *efficiency*. Network operators are constantly looking for ways to shorten test cycles and enable their field crews to speed up link deployment and troubleshooting procedures.

**SharpTESTER** relies on truly intuitive software that keeps efficiency front and center, providing unprecedented test automation.

## 1. Advanced data analysis and post-processing features

Provides the user with a straightforward view of all key results and simplifies their interpretation



Result windows summed up in a handy summary screen



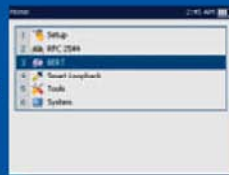
A lot of information requires expert analysis...

...but the Summary screen makes everything simpler.

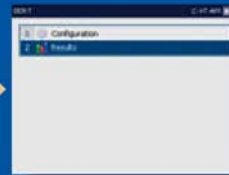
## 2. Truly intuitive GUI

Features time-saving shortcut keys, boosting field-testing efficiency

Select test by pressing "3" on the numeric keypad



Check the Results page by pressing "2" on the numeric keypad



Launch test and wait for results



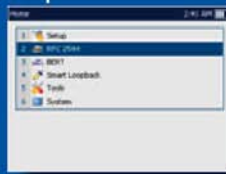
Ethernet RFC 2544 test example

## 3. Plug-and-test user-friendliness

One-touch testing functions available for each type of test, for fast, error-free results

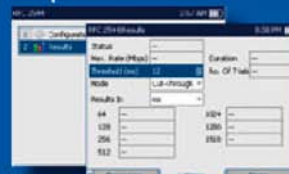
Select test

Step #1



Push the "Quick-Test" button and get results

Step #2



Ethernet BER test example

## 4. A common Windows CE-based graphical user interface (GUI) for all test configurations

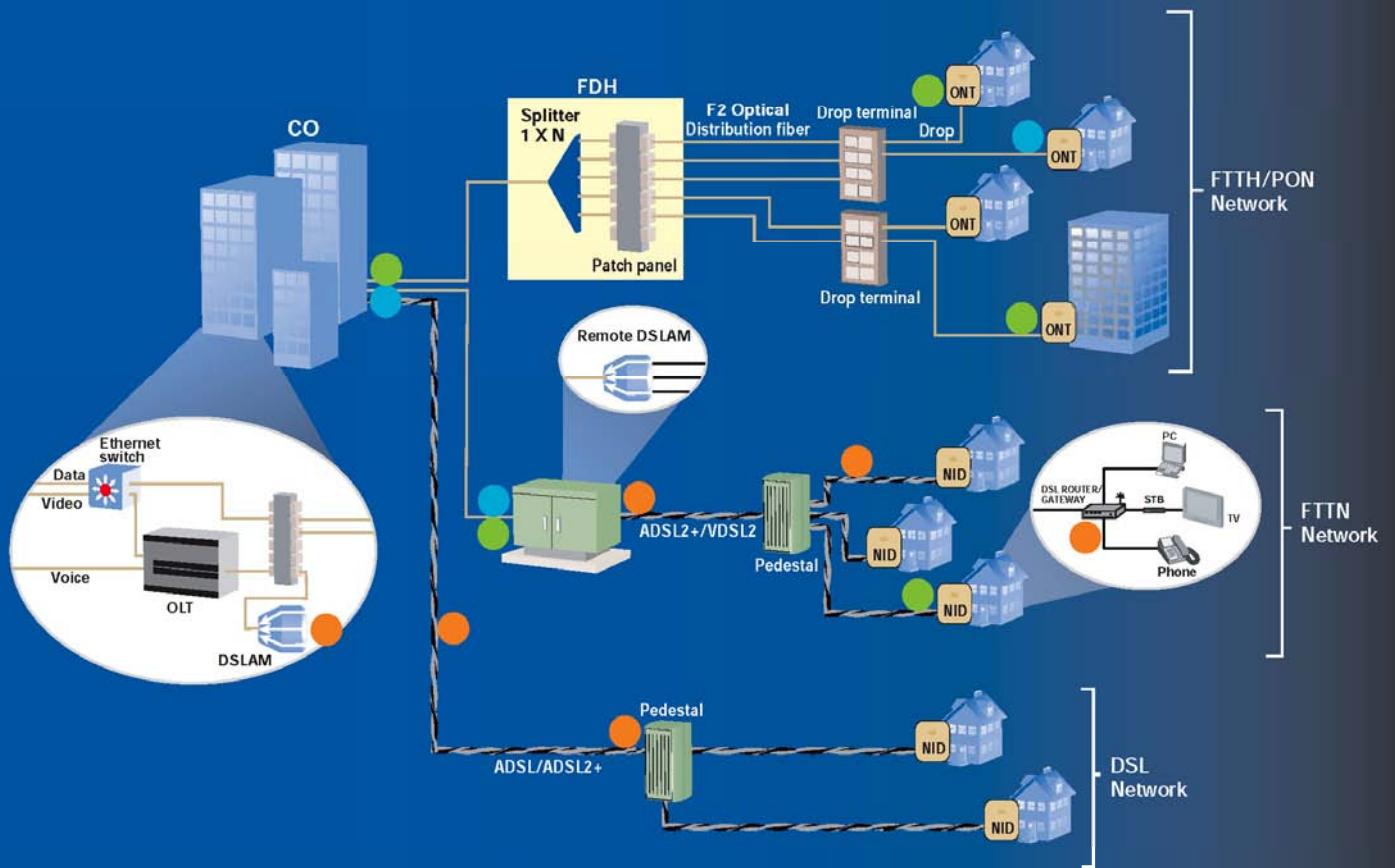
Reduces the need for training and allows both expert and entry-level technicians to quickly get on track

## 5. Clear pass/fail assessment

✓ or ✗ displayed on the unit's TFT color screen

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# At home in residential networks



## Applications

- **Copper/DSL/Triple-Play**
  - 30 MHz spectrum analysis
  - Local-loop fault location troubleshooting and xDSL prequalification
  - xDSL service verification
  - IPTV and VoIP QoS analysis

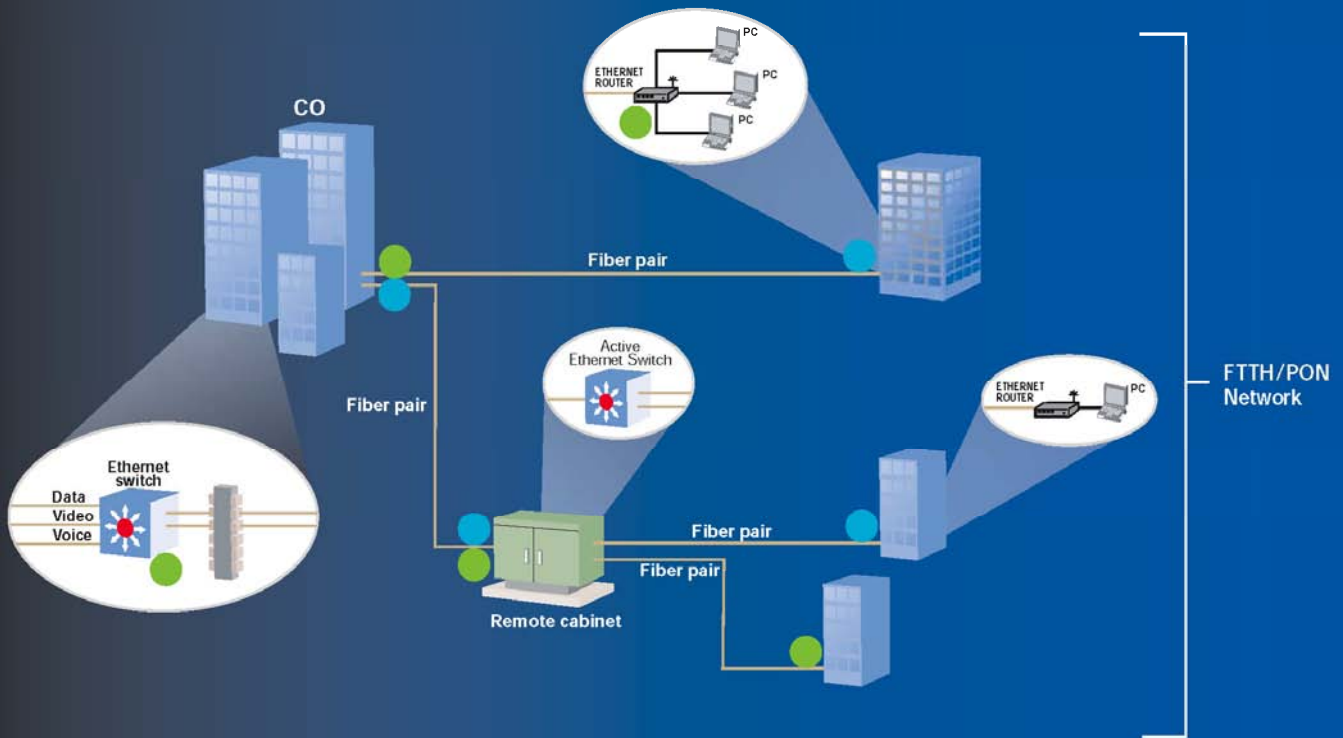
- **Ethernet**
  - RFC 2544 performance qualification
  - BER testing for service turn-up
  - Connectivity and installation tests using basic IP test tools

- **Optics**
  - Fiber characterization
  - End-to-end loss testing
  - Fiber fault location

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# The SharpTESTER Access Line

Getting down to business in commercial networks



## Applications

- **Ethernet**
  - RFC 2544 performance qualification
  - BER testing for service turn-up
  - Connectivity and installation tests using basic IP test tools

- **Optics**
  - Fiber characterization
  - End-to-end loss testing
  - Fiber fault location

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PBAXS200.1AN

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Printed in Canada 07/09

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