Test Solutions for:
- Reference Designs
- DPU Device
- Home Gateways and Customer Premises Equipment
- DSLAMS
- G.fast Chipsets
- Hand-held Testers and Test Tools

Collaborative Testing Programs
The UNH-IOL’s G.fast Consortium is a collaborative test program that brings together industry leaders in the ITU-T’s new G.fast technology to foster high quality, interoperable chipsets and systems. All of the services offered through the UNH-IOL G.fast Consortium are available for a single, cost-effective, annual membership fee.

Membership in the G.fast Consortium entitles your company to perform testing as available on your products and receive detailed test reports to help reduce sales barriers and speed your R&D and Quality Assurance processes, reducing product time to market.

Test Bed and Equipment
The G.fast Consortium will be developing a multi-vendor test bed, allowing member companies to perform interoperability testing within the lab’s neutral setting. Additionally, the consortium also provides access to test and measurement tools, such as test loops, noise generators, and traffic generator/analyzer.

- **NEW:** Cable Farm based on ID-337 FAST Certification Test Plan requirements with Telebyte CFA-24 Cable Farm Automation Switch
- **NEW:** Telebyte 4902 Universal Noise Generation Tools for G.fast testing
- **NEW:** Telebyte 501 G.fast Digital Analyzer for PSD measurements
- Spectrum Analyzers and Traffic Generators

Test Suites and Test Reports
The UNH-IOL is working directly with the Broadband Forum to develop the industry’s official certification program for G.fast enabled systems. Certification testing will be offered by the G.fast Consortium, and will provide a 3rd party, confidential report.

Test reports go beyond test/fail and present a detailed product analysis that identifies interoperability and conformance issues. All reports are certified in digital format to ensure it is genuine and uncompromised.

Key Benefits
- Participate in Plugfest test events, including both Broadband Forum Chipset and System Integrator Plugfests
- Membership will cover the costs for testing within the forthcoming Broadband Forum’s G.fast certification program
- Access to the G.fast Consortium test bed, to perform interoperability testing in a neutral setting
- Remote, secure access to the G.fast Consortium test bed for real-time, remote development and debugging