

Advanced MaxTester Testing

This two-day course provides in-depth coverage of DSL technologies and test applications using EXFO's FTB-6XX or MaxTester 6XX products as well as the CoLT-350. This advanced training session covers both theoretical and practical aspects, and allows time for hands-on testing and results analysis.

Content

Part 1: Introduction to the FTB/MaxTester 6XX or CoLT-350

- › MaxTester 6XX and CoLT-350 product introduction (physical attributes)
- › Key measurement overview

Part 2: Introduction to DSL technology

- › DSL technologies
- › DMT line coding
- › xDSL technology primer
- › Next-generation technology (bonding, vectoring, INP)

Part 3: DSL testing with the FTB/MaxTester 6XX or CoLT-350

- › Parameter configuration
- › Auto/manual testing
- › Ethernet testing
- › Login/data/IPTV testing

Part 4: Copper testing with the FTB/MaxTester 6XX

- › Parameter configuration
- › Multimeter walkthrough
- › Signal-to-noise ratio testing
- › Fault-location walkthrough

Part 5: Product demonstration*

- › Hands-on testing for DSL, and IP connectivity testing

Pre-Requisites

- › Basic knowledge of mathematics and physics
- › Basic knowledge of telecommunications
- › Basic knowledge of networking and Internet services

Methodology

Parts 1 to 4 of this course consist of lectures using PowerPoint presentations and demonstrations, while part 5 consists of demonstrations using specific hands-on testing exercises.

*Product demonstration: lab/field access to perform hands-on testing is highly recommended.

