Be an Expert

Training Program

Course Outline FE-1090

Introduction to MaxTester Testing

This one-day course covers the basics of DSL technologies and test applications using EXFO's FTB-6XX or MaxTester 6XX products as well as the CoLT-350. This training session covers both theoretical and practical aspects.

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.

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